

# FOLIO

## NEW TRAIL—ALUMNI ISSUE

### Bears Win University Cup

On the weekend of St. Patrick's Day one could expect a team with green in its colors to be lucky.

The Golden—and Green—Bears of the University of Alberta did not have to rely on luck, however, to successfully defend their Canadian Intercollegiate Athletic Union hockey title, thereby ensuring that the University Cup made a round trip between Edmonton and Montreal, where the national finals tournament was held.

It is the first time ever that the University has won consecutive national hockey titles. Golden Bears went into the tournament played the 17 March weekend as prohibitive favorites. They had been ranked the top university hockey team in the nation throughout the year, and in Montreal they showed why. In their three tournament games they allowed only three goals to be scored against them, while they scored fifteen goals themselves. In the championship game they outscored Dalhousie Tigers five to one. It was the Tigers first appearance in national championship competition.

Bears' coach, Clare Drake, says he wasn't surprised to see Dalhousie in the final game. "They have been steadily improving," he says. He was surprised, however, that the University of Toronto Blues, a perennial uni-



versity hockey power, were not in the finals tournament, and the Ontario team which kept the Blues away did poorly.

For Coach Drake, winning the University Cup is not a new experience, but he says that each time is different and more satisfying, and there are new players involved. He is quick to praise this year's champions—for their steady play in the national finals and for their hard work all season. "They showed very little complacency," he says.

He does admit that interest lagged a bit when the team had assured itself of first place in its conference at a relatively early point. The University of Calgary Dinosaurs, however, proved effective medication against complacency and gave Bears their toughest games of the year. The Dinosaurs forced the Canada West final to a third and final game before the Bears regrouped to play

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the fine team hockey of which they were capable. That play earned them the trip to Montreal and the finals tournament hosted by Concordia University.

Now the University Cup will be displayed at the University of Alberta for another 12 months. □

### The Riel Project



*Louis Riel and his council. Photograph courtesy of Provincial Archives.*

When asked by a jail guard for a souvenir, Louis Riel replied, "I have nothing but my heart, and I gave it long ago to my country." Actually, he did have something of a more pragmatic nature: his writings. The monumental task of collecting those writings, publishing the definitive version of same and making it available to the country (and perhaps beyond) has gone to a select group of Riel scholars whose base is the University of Alberta.

The Riel Project began on 20 October 1978, and has reached the point where approximately seventy-five percent of the material is on file. The scholars

*(continued on page four)*

## Folio Interviews Myer Horowitz

*Folio spoke with Myer Horowitz in his office on 12 March. The following is a transcript of the interview:*

**Folio:** Perhaps we can start the short interview with your reaction on being designated President, or President-Elect, of the University.

**Horowitz:** I'm not sure if one can recall accurately after six weeks, because it is not a simple reaction.

**Folio:** Yes. Dr. Gunning has tried, I think successfully, over the last five years, to introduce the University to the community at large, to improve upon the community's and the province's views of the University, and the manner in which the University can aid them. Will you be capitalizing on that, or in what direction do you see the University moving into the 1980s?

**Horowitz:** Well, I think it is absolutely essential of course.

I suppose I shall have my own approach and style, but I think it is crucial that you bring people to the University, and that many of us who are at the University go out to the community. Of course, this goes on a great deal, and has been for a good while.

**Folio:** Do you see a change in the, say, last five years or ten years in the community's view of the University as a whole?

**Horowitz:** No.

**Folio:** Then it has not progressed at all?

**Horowitz:** Not through lack of effort, I'm sure, but I can't say that I perceive much of a difference over the last twenty years, which is just about the time I have been at universities, first at McGill and then here. I don't think it has been wasted effort, because I think it takes a great deal of effort in order to keep some elements in the community as positive as they are towards University, and I think any relaxation of that effort will result in people being less positive towards the institution. I can't say honestly that I see a great difference occurring. How can there be, when the support of the University has left a great deal to be desired? I'm sure the governments here as elsewhere attempt to respond to what they perceive to be the public view.

**Folio:** Is that a problem which is particularly characteristic of Alberta?

**Horowitz:** No.

**Folio:** Then it's right across the board?

**Horowitz:** That's been my experience.

**Folio:** Yes. In what way will your administration seek, say, to improve in university/government relations?

**Horowitz:** I think we have to take a somewhat fresh start in regards to the government support of the University. I don't think that we're going to experience as much of a change in the regular operating grant as we would like to, and consequently we're going to have to put before government particular proposals. We will have

to be very careful that these proposals reflect the priorities as we perceive them, rather than the priorities as perceived by other elements in society. But I think that the initiative is ours. It is our responsibility to clarify for ourselves what the goals are, and then to have to translate those goals into budget proposals.

**Folio:** I think it is interesting, Dr. Horowitz, that you mention our goals, the goals of the University. It seems to me that the University has been pressured into becoming more of a service organization than it was, and that there has been more emphasis on the sciences and what might be called "quick gain" or monetary gain professions and disciplines. as opposed to, say, the humanities.

**Horowitz:** Well, to the extent that there are those pressures, and there are, I have concern. But it's nothing new.

**Folio:** No, no, it's old hat.

**Horowitz:** I think over the years that universities in general, and state universities in particular, have had to be

sensitive to the needs of society, as perceived by many sectors, and not just by those of us who happen to live at universities. After all, we have had professional programs, vocational programs, if you like, at universities for a long time. Some of the oldest universities in the country had professional faculties before they had Arts and Science faculties. McGill would be an example of that. McGill had a Faculty of Medicine before it had a Faculty of Arts and Science, which is just a way of underlining the responsibility that universities have accepted for the preparation of members of certain occupations. To recognize that this has been a problem over the years is not to eliminate the problem. I think we just have to recognize that there is a state of tension. I don't think we are ever going to remove that tension entirely. If we focus only on the liberal arts, or the humanities, then we err in not being sufficiently sensitive to what the expectations are in society at large. If we become too

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## The University of Alberta Senate

The University of Alberta Senate, whose next meeting will be held on Friday, 27 April, has performed a number of different functions since its first meeting on 30 March 1908. Originally, the governing authority of the University, the Senate lost direct control of financial affairs in the amendments to the University Act in 1910, when the Board of Governors was first established. Until 1942, however, the Senate still maintained jurisdiction over academic matters. After 1942, the academic concerns of the University, with the exception of the award of honorary degrees, have been governed by the present day General Faculties Council.

Membership on the Senate, however, implies no august sinecure. Under the terms of the current Universities Act, the Senate and the titular head of



Chancellor Jean Forest

the University, the Chancellor, have a duty "to inquire into any matter that might tend to enhance the usefulness of the University."

sensitive to the expectations, especially to those that are pretty short term and narrow, then we transform the University into another kind of institution. That tension can be used creatively, I think.

*Folio:* In what respect?

*Horowitz:* I think a typical large North American university, like the University of Alberta, can be an especially exciting place, because we are trying to do many different things.

In one sense, I suppose, we're a liberal arts college. In other sense, we're a high level research centre. In a third sense we're a vocational institution. I don't use that term in the pejorative sense. We're preparing large numbers of people for vocations. In another sense we're trying to provide a service, partly through our students and partly through our staff. We're all of those things, and we have to resist very much any attempt to oversimplify that which is anything but simple. I think the possibilities of the institution are very much enhanced



*President-designate Myer Horowitz*

because we try to do these different things, but that's not to say that pressures don't result from this complex of goals which are sometimes in conflict.

*Folio:* How do you perceive the

role of the various campus information centres, the libraries, the media centres on campus, enhancing that tension, or enhancing the role of the University?

*Horowitz:* I think there is a

Moreover, the Senate is empowered to "require a report on any matter from any faculty or school council and the council of the students' union or the graduate students' association and any member of the academic staff of the university." In fact, the Senate is bound by law to "receive and consider submissions from anyone interested in the university" and to provide information about the University's functions to the public. As a body incorporated under provincial statute, the Senate is also required to make recommendations "as it considers advisable" not only to the Board of Governors, the General Faculties Council, and the Universities Coordinating Council, but also to the Minister responsible for advanced education.

Senators, then, for the most part enrolled from the local community, work hard. They compile and analyze data and submissions,

produce reports on a wide range of issues which affect not merely the quality of education and life in this province but across the country, and act as voluntary ambassadors of goodwill. It is among the primary functions of Senators to interpret the University to the public and the people we serve. For all this, Senators receive no honoraria.

The University of Alberta Senate and its sister institutions within Alberta, however, are virtually alone in the country. There are very few other institutions devoted to higher education among whose governing bodies are groups of individuals, drawn both from the institutions themselves and their local communities, whose essential purpose is to provide a sounding board for the concerns of all people interested in postsecondary education, whether professionals or lay people. To a very great extent, the amity and respect which our

University enjoys in Alberta is the direct result of the work of The University of Alberta Senate and our past and present Chancellors.

The next plenary meeting of the Senate will be convened at 9:30 a.m., 27 April, in the Council Chamber, University Hall. The agenda includes:

1. The Election of Public Members.
2. Announcement of those who will receive honorary degrees at the Spring Convocation.
3. Report on the disbursement of awards from the Emil Skarin Fund.
4. Presentation on the *Report of the Task Force on Children and Others with Learning Disabilities*.
5. Presentation by the Faculty of Business Administration and Commerce.
6. Report of the Ad Hoc Committee to Review the Grantham Report.

whole lot more that the institution has to do in telling its story, and I suspect that there's a whole lot that we all need to do in order to grasp more completely what different elements of the community are interested in having the University accomplish. It becomes very important, then, to have the kind of support at the University which enables academics to share with others many of the exciting things that they are doing. Sometimes it is difficult to tell the story, but it may be easier for individuals who have expertise in the information sciences than it would be for those of us who are filling the role of academics. Academics tend to be modest and shy about what they are doing. They don't like to talk about their accomplishments very much, partly because they never truly achieve what they set out to achieve. They are always in the process of getting there. So we need help, no question about that. There are exciting things going on on this campus and on other campuses, that the public doesn't know very much about. Even when we deal with research of a very basic nature, rather than applied research, I believe there's a story to be told. I think people in the larger community will understand the importance of some of the studies and research being carried on in our basic medical sciences building, for example, which don't have immediate pay-offs. I think people understand that in order for us to lick some of the diseases, research has to be conducted for many years. I think we need help in telling that story so that people in the larger community can grasp important relationships more completely. And, I think it's extremely important to have a viable information support unit.

*Folio:* One final question, Dr. Horowitz. How do you react to the Spring Session for Senior Citizens?

*Horowitz:* I said before that I don't think we tell our story as well as we might. I'm not sure that enough people out there

know that this University is available to senior citizens, and not just during spring session. I was involved when we established the special spring session, which is primarily a non-degree credit approach. In addition to that, we welcome senior citizens to any of our courses, as long as they are not courses in quota programs. That means that hundreds of our courses are open to senior citizens, and for several years now they take these courses without fee. But I'm not sure enough senior citizens know that. Here's a specific illustration of the point I was making before, the need for better communication. To the fullest extent possible the University should not be a place just for 18 to 24 year olds—it's very important for 18 to 24 year olds and will continue to be important for that group—but more and more it's going to be important for people throughout their professional lives, right through the middle age, and I think it has a particular attraction for individuals who have devoted a full life to their field, and who now deserve to get involved in liberal education, in the fullest sense of the term. I'm just delighted that we have more mature students than we used to have.

*Folio:* I think the University has become a forum for growth and for change. I think that the University fulfills its function when it becomes a place where all the members of the community can go. It's one of the few places left where a person can be himself, where you do not really have to justify an intense interest in whatever subject. That's what I meant at the outset, Dr. Horowitz, when I mentioned the University as a service organization. In my own department, English, at the University of Calgary, we were pressured into giving writing courses, children's literature courses for other faculties, and so forth. I think that it is good to a point, but you have to have limits.

*Horowitz:* Exactly, but there has to be that balance.

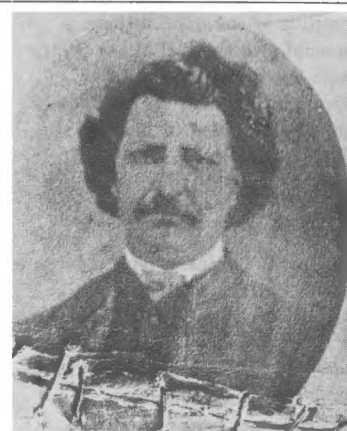
It's a difficult concept to bring to

light, because what is balance depends upon how it is perceived and at what point in time. If the Departments in Arts and Science are not responsive at all to the professional faculties, then the University's in trouble. On the other hand, if the Departments in Arts and Science are too responsive to all of the expectations held for them by other parts of the University, or by elements outside the University, then there's a problem as well.

*Folio:* Thank you, Dr. Horowitz.

## The Riel Project

(continued from page one)  
drew up an inventory and traced Riel's writings to thirty-seven public and private repositories in Canada and the United States. Major collections are housed in the Public Archives of Canada in Ottawa, the provincial Archives of Manitoba in Winnipeg, and the Archdiocese of Montreal. There are smaller collections in New Brunswick, some of the New



All material comes to the Riel Project which is in a University-owned house in North Garneau. A chronological format is then adhered to. For example, if a piece of writing is dated before October, 1875, it is referred to R. Huel, Professor of History at the University of Lethbridge.

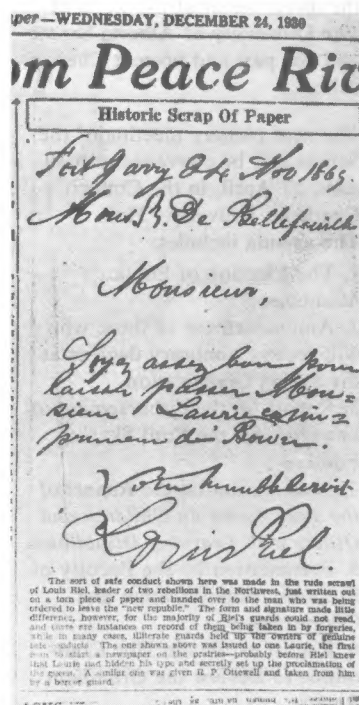
The University of Alberta's Computing Services are now being used; G. Campbell, volume editor for Riel's poetry, is forwarding work as it is ready from his office at the University of Calgary.

"Between 1 April and 30 March of next year, we hope to have all poetry and large portions of two other volumes in the computer," Mr. Rocan says.

Riel was a prolific writer and left enough letters, diaries, poetry, and political and religious treatises to fill four or five volumes of 400 to 500 pages each. He had a fairly rich vocabulary, having



Gabriel Dumont



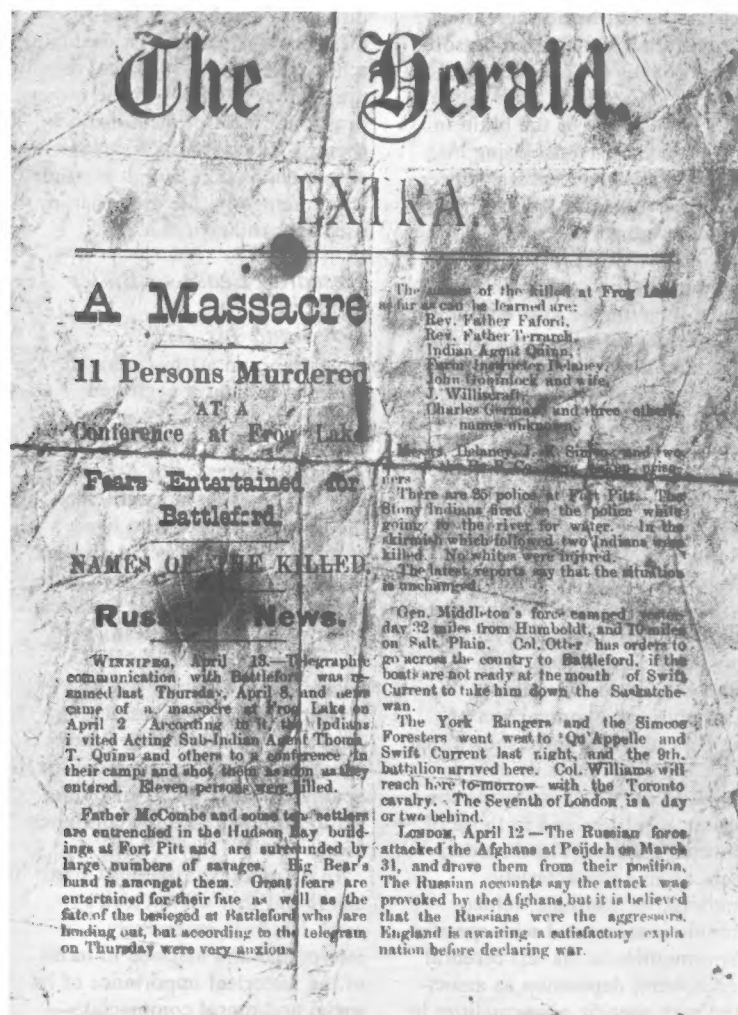
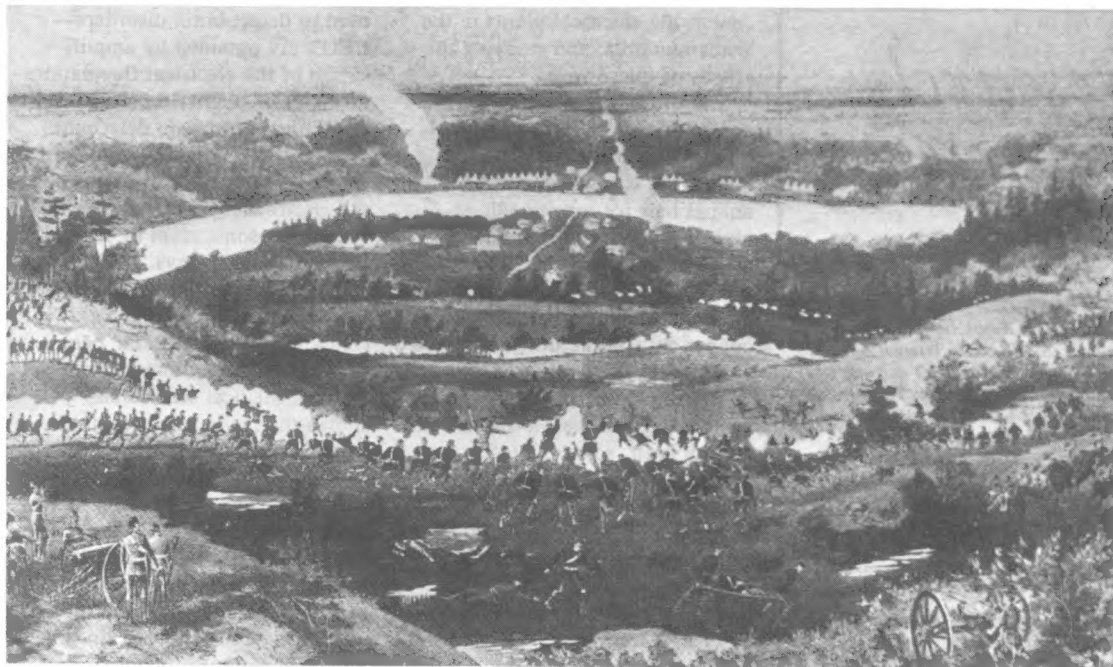
England States, and Montana and Minnesota. The archivist of each public collection was contacted and asked to send photocopies of all Rieliana. Securing material from private collections has, on occasion, carried an element of intricacy, but the collecting aspect of the Project has gone well.

"We hope to have almost everything in hand by June of this year," says Administrative Officer Claude Rocan. He anticipates that, as the endeavor gains publicity, people may submit material that isn't in the inventory. "Riel wrote to large numbers of people and, in all likelihood, there are letters around that we haven't heard about," Mr. Rocan says. "It's a project that will only be done once and it will be disappointing, perhaps even unfair to Riel, if people withhold material. It's the one big chance that Riel has to speak for himself."

The photographs included here are from the Ernest Brown collection and appear courtesy of the Provincial Archives. To the right is a rendering of the Battle of Batoche.

pursued a formal education at the College of Montreal, and he wrote in both French (eighty percent) and English (twenty percent). He was also a careful writer who would make several drafts when involved in a difficult passage. An economizer on more than one occasion, Riel would fill a page in the accustomed manner and then write several lines at oblique angles, thus creating some decipherability problems.

In the course of the Project, each volume editor will employ a part-time typist to transcribe Riel's manuscripts, experienced proof-



readers will scrutinize all work, and research assistants will compile material for annotations and footnotes.

The project will be of five years duration and the result will be titled *Louis Riel Ecrits*. Completes: Edition Critique/Collected Papers of Louis Riel, Critical Edition.

A newsletter will be published twice a year with the first one scheduled to appear at the end of April. It will contain each editor's description of the work he is engaged in, an outline of significant developments, information on conferences that the Riel Project will be sponsoring and a smattering of general information on Riel.

One relatively recent development concerned an article in the *Garneau Guardian*, the official publication of the Garneau Community League. It came to light that Laurent Garneau, the man after whom the district is named, participated in the Red River Insurrection as one of Riel's soldiers. The cabin of the Garneau homestead stood at 11103 Saskatchewan Drive, now the site of the University's Humanities Centre. A maple tree, one of two originally planted by the Garneaus, still stands at what was 11108 90 Avenue, now part

of a campus parking lot.

The University of Alberta is the sponsoring institute for the Riel Project and the University of Calgary, the University of Sherbrooke, and the University of Lethbridge are the supporting institutions. The Editorial Board of the Project is headed by Dr. G.F.G. Stanley, Professor Emeritus at Mount Allison University and T.E. Flanagan of the University of Calgary, who act as General Editor and Deputy Editor respectively. The four Volume Editors are G. Campbell of the University of Calgary, R. Huel of the University of Lethbridge, G. Martel of the University of Sherbrooke, and Professor Flanagan. There are three Associate Editors: J. Foster and R. Motut, both from the University of Alberta; and D. Lochead of Mount Allison University. Mr. Rocan completes the Board's membership.

The Project will be funded over the years 1978-83 by the Social Sciences and Humanities Research Council of Canada. The edition, which will be eighty percent French and twenty percent English, will be published by the University of Alberta Press in 1984-85, to coincide with the centennial of the 1885 North-West Rebellion. □

## research reporter

*The Research Reporter, primarily designed to attract the interest of persons in the commercial communications media, is included in Folio on a monthly basis because of the interest shown by the University community in its brief reports. Short descriptions of research—any kind of research—should be sent to Research Reporter, Office of Community Relations, 423 Athabasca Hall. All reports are checked with those concerned prior to being printed.*

### **Reactor Facility Aids Research**

Have you ever asked yourself, "How did I ever manage before I had one?" If so, you'll understand how a number of Alberta scientists feel about the University of Alberta's Slowpoke nuclear reactor. The reactor facility, officially opened last year, has proven invaluable for a variety of research. And 'variety' is the keyword; the diversity of research projects facilitated is surprising.

Since Slowpoke has been operational, more than a score of projects dependent on the reactor have been commenced. Some relate to problems in the field of medicine: determining the effects of certain cancer therapy drugs; investigating the defence mechanisms of the lungs and the effects that air pollutants have; increasing the understanding of Down's Syndrome; detecting cancer and evaluating subsequent treatments; and studying the gold compounds used to treat rheumatoid arthritis.

Other projects address problems related to monitoring and maintaining environment quality: determining the chemical composition of particulate matter and aerosols over Edmonton; investigating the nature of the fly ash emanating from the coke combustion at the Great Canadian Oil Sands plant; determining the potential for air, ground water, and soil contamination resulting from the extensive burning of

coal at the electrical plants in the Wabamun area; and studying the effects of microwaves.

Still other projects may have application in the area of agriculture or of wildlife management: identifying trace elements in animal hair for nutritional, environmental, and forensic studies; development of an inert 'tracer' for use in digestibility studies in animal husbandry; the study of copper absorption, utilization, and secretion by dairy cows.

The remaining projects include some related to the Slowpoke facility itself, some related to pharmaceutical sciences, one designed to show the distribution of uranium in Alberta, and others. In addition, the Slowpoke reactor is helping a Dentistry Professor test the abrasiveness of tooth-pastes. At other times Slowpoke is used as a teaching tool.

Many of the researchers involved in the various projects are scientists from outside the university cooperating with university people.

### **Electrical Engineer Addresses Medical Problems**

The work of Dr. Z.J. Koles of the University of Alberta speaks powerfully of the fruitfulness with which engineering expertise can be applied to problems in medicine. Dr. Koles is an electrical engineer, with special interest in digital signal processing and with the engineer's penchant for precise measurement. Both prove valuable in a variety of medical research situations and Dr. Koles is kept busy with numerous projects.

One project, in which his involvement is major, is particularly exciting. In it, Dr. Koles is attempting to give psychiatrists a reliable diagnostic tool to assist them in determining the exact nature of the ailments which their patients are suffering—something akin to the routine blood tests which give physicians clues to the presence of certain diseases. The work is showing great promise.

The research is funded by the Mental Health Advisory Council of Alberta and is based on the electroencephalogram which is

used to detect brain disorders—EEG's are obtained by amplification of the electrical fluctuations of the brain about 30,000 times. Dr. Koles is trying to determine if psychiatric ailments—"thinking disorders"—are at all reflected by the electroencephalogram. He has found that some seem to be, and in characteristic ways.

To begin the project, Dr. Koles had to determine the EEG's characteristics of 'normal' people. For this he used volunteers. Because medical science has shown that, with few exceptions, in the right-handed person the left side of the brain is dominant—in the left-handed person there is more variance—all of the volunteers were right-handed. Readings were taken with the mind at rest, and when the subject was engaged in different kinds of mental activity: problems of arithmetic and language, which engage the left hemisphere of the brain in right-handed persons, and problems of space-relationship, which are dealt with in the right hemisphere of the brain in right-handed persons. Using his expertise as an electrical engineer, Dr. Koles was able to obtain very precise readings and to provide linkage to the University's computer resources for analysis and storage of the information.

Once norms were established, the study shifted to persons suffering a variety of psychiatric ailments, such as schizophrenia, depression, obsession, manic disorders, and so on. EEG readings were obtained from patients deemed to be typical examples of the various disorders. Dr. Koles stresses that this work was done—and is being done—within the context of the normal psychiatrist-to-patient relationship, with the concomitant confidentiality.

Analysis and comparison of the data obtained have shown that there are differences evident in the EEG's of those suffering the various disorders and in those of 'normal' persons. The disorders seem to give characteristic readings: for example, schizophrenia is associated with specific abnormalities in the left cerebral hemisphere, depression as associated with specific abnormalities in

the right cerebral hemisphere, manic disorders show signs similar to both schizophrenia and depression.

Dr. Koles is quick to point out that his work does not mean that a person can now be diagnosed as suffering from a given psychiatric ailment on the basis of an electroencephalogram; much work remains to be done to test accuracy and reliability and he and Dr. Pierre Flor-Henry, the psychiatrist collaborating on the project, are continuing to record and analyze EEG's from about four patients each week.

If the promise shown to date is realized, the research will be a significant contribution. Currently psychiatrists must make diagnostic decisions based largely on interviews of their patients and it is sometimes difficult to determine the exact nature of the problem. But that knowledge is important: different disorders respond to different treatments. For example, schizophrenia responds well to drug therapy but not to the rather drastic measure of electro-shock therapy which is used to treat severe depression, and depression is not helped by the drug therapy used for schizophrenia.

### **Research Leads to Better Understanding of Goya and his Art**

An Edmonton art historian is bringing to light a neglected dimension in the work of Francisco Goya. Victor Chan, Assistant Professor of Art and Design, says scholars agree that the Spanish painter who lived from 1746 to 1828 is not rivalled in importance to art historical development by any other European artist of his time. Professor Chan's own interest in Goya began early. When he was a child his family was residing in Europe, and in Madrid's Prado Museum he first encountered the Spaniard's work. That encounter led to an interest which continues today.

In his studies Professor Chan has found that while Goya's work has been extensively interpreted and assessed in terms of the historical importance of its social and moral commentary—

which has rarely been excelled—there is a dearth of study relating the work to the artist on a personal level. By examining the artist's use of emblematic sources and popular images, the Art and Design Professor is changing that and illuminating Goya's personal intentions in his work.

The emblematic sources Professor Chan is concerned with are the 'model' books popular with European artists from the Renaissance to near the end of the

19th Century; these were artistic guides to the classical allegories, explaining the meanings of certain figures and objects. The popular images to which Professor Chan refers are 16th to 18th Century engravings, originating in Holland, France and England, which touched upon allegories while satirizing the contemporary morals and politics.

By identifying the influence of these sources—the symbolism in Goya's work—the University of

Alberta researcher is bringing to light the artist's own concerns and meanings. A very major theme has emerged: the effects of time and fortune in man's life. According to Professor Chan, this theme is one which dominated the artist's early work and continued its importance until his death. It also touches upon his relationship with the Duchess of Alba. She, says Professor Chan, is definitely not the lady of the Maja's, but was the subject of

three plates in the *Caprichos*, a series of prints published by Goya in 1799. A tracing of the emblematic and popular images employed in these works shows that Goya viewed himself and the Duchess as playthings of the Goddess Fortuna and Father Time.

To better explain his studies, Professor Chan turns to examples. The tapestry cartoon of a wedding procession, with its toadish bridegroom and comely bride, is recognized as a satirical commentary on the prevalence of marriages which owed more to wealth and convenience than to love. However, there are elements in the picture which are extra to this theme: in the forefront of the procession is a child standing upon a wheeled cart; his upthrust hands lead the viewer's eye to the bridge which dominates the picture and along it to its other end where stands an aged figure bringing up the rear of the procession. By reference to emblematic sources, including an illustration of a bridge upon which stand individuals illustrating the various ages of man, Professor Chan is able to show that the cartoon also has something to say about the journey from childhood to old age and the role of the Wheel of Fortune.

Another well known cartoon from the same series shows a circle of women holding the edges of a blanket upon which a dummy, obviously male, is being tossed; it is regarded as a statement about man's vulnerability to feminine whims. By identifying a source illustration to which humans are thrust before the Goddess Fortuna, propelled heavenward by treatment identical to that accorded Goya's dummy, Professor Chan has broadened understanding of that work.

Through his research, the Edmonton art historian is contributing to a better understanding of Goya's work and of the man himself, thus complementing the older interpretations. The end to which the research is addressed is a clear understanding of what makes Goya's art so important.

Much of the explanation, says Professor Chan, undoubtedly lies



Fig. 1. Francisco Goya. The Wedding. 1791-2. Prado Museum. (above, left)

Fig. 2. Anonymous. The Steps of Life. 18th Century Spanish popular print. Private Collection, Barcelona. (above, right)

Fig. 3. Francisco Goya. The Straw Manikin. 1791-2. Prado Museum. (left)

Fig. 4. Hans Burgkmair. Fortuna at Her Wheel. Woodcut illustrations from Petrarch's *De Remediis Utriusque Fortunae*. Augsburg, 1532. (right)

in the conflict resulting from the artist's provincial upbringing—where time, fate, and fortune were explained by superstition—and his later exposure to the thinking of the Enlightenment; the paradox, he believes, created genius and, despite being almost illiterate, Goya emerged as a modern artist par excellence.

### *Professor Finds Anglo Saxon Manuscript Interesting Reading*

"Ecclesiastical science fiction" is one way in which Dr. Raymond J.S. Grant describes the material which he has been studying.

In a book currently being printed, the Associate Professor of English examines three Old English homilies—sermons—new to modern scholarship. The homilies are three of six found in the margins and blank spaces of an early eleventh-century Old English manuscript Dr. Grant knows well. The manuscript is known to have been given to Exeter Cathedral by Bishop Leofric, who died in 1072, and later bequeathed to Corpus Christi College, Cambridge, by Matthew Parker, Master of the College from 1544 and Archbishop of Canterbury from 1559 until his death in 1575. The origin of manuscript Corpus Christi 41 is not certain; Dr. Grant suggests the monastery of Winchester.

As a doctoral student at Cambridge, Dr. Grant collated and analyzed the main text of the manuscript, a version of Bede's Ecclesiastical History, and since coming to the University of Alberta he has published a volume bringing to modern scholarship a portion of the other marginal material: several charms, some not surprisingly for prevention of eyestrain, and material which added a fourth to the three pre-Conquest old English Mass Books known still to exist.

More recently, Dr. Grant has turned his attention to three of the homilies which were copied into the margins of the manuscript. He has found them to be based on Christian-influenced writing not accepted as scripture and to show evidence of another tradition: apocryphal material

given an Anglo Saxon flavor, a kind of ecclesiastical science fiction. Dr. Grant says that the Celtic Church, given its isolation and independent tradition, may have preserved apocryphal legends savoring of demonology which disappeared elsewhere when condemned by ecclesiastical authority.

The first homily described in his coming book has as its subject the Assumption of the Virgin Mary and it certainly provides a scene alien to mainstream Christianity; as the Virgin lies dying, all of the apostles are brought to her bed.

The second of the homilies is in praise of St. Michael and portrays the saint as the angel of the Lord who engages in exploits which would make a comic book superhero envious: St. Michael saves Noah, his three sons, and their wives from the flood; St. Michael slays the first sons of Egypt at the Passover; St. Michael builds Solomon's Temple; and St. Michael enters the fire to rescue Shadrach, Meshach and Abednego—most usefully in his earliest manifestation as a water god!

The third homily concerns the passion of the Lord and is largely a retelling of Matthew 26 and 27. While it is not especially exciting, says Dr. Grant, it does provide some new Anglo Saxon vocabulary.

While he acknowledges that others might find his work somewhat dry, Dr. Grant says he finds excitement in being part of an attempt to reconstruct an original body of existing literature from the surviving manuscripts—something like being a part of a detective story.

One of the most interesting aspects of the manuscript Corpus Christi 41 which Dr. Grant has been studying is the occurrence of the 'sator' formula. In the Middle Ages this charm was considered effective against fire, tempest, theft and sickness, and it has been found over an area extending from France to Ethiopia, Nubia and even South America. The formula 'sator arepo tenet opera rotas' is a palindrome—it reads the same forwards and backward. When

the words are written in the form of a word square, each beneath its predecessor, the block will read the same vertically as horizontally, forwards or backwards:

sator  
arepo  
tenet  
opera  
rotas.

Further, the basis of the square is the word 'tenet', itself a palindrome, in the form of a cross. The entire formula can also be rearranged into two intersection 'Paternoster's' (Our Father's) in the form of a cross with two As (alpha, the beginning) and two O's (omega, the end) remaining.

Dr. Grant says that it is not known whether the formula has a specific meaning. Because it was 'mumbo jumbo' it may have been thought to be more effective; or, as some scholars believe, it may be of Jewish origin and based on Ezekiel 1 and 10. Translated it would read, "The sower Arepo holds as works the wheel." By reciting it the Jew would be calling for the same divine judgment upon Rome as was accorded Jerusalem when burning coals were scattered by an angel of the Lord from the spokes of a heavenly wheel. □

## Spring on the Farm

The University of Alberta's Edmonton Research Station is a popular place in the Springtime. Some years ago, the number of kindergarten and elementary school groups approaching the people at "the Farm" and asking for a tour or simply dropping in for a visit got to be so large that it was interfering with work.

The Animal Science department, however, didn't want to keep children away, and with the help of the University's Public Relations Office, a formal tour program was organized and arrangements were made for guides.

The University Farm Tours are now a popular outing for day care, kindergarten, and elementary school groups. Early in the Spring, notices are distributed giving the dates for the tours and announcing when booking will commence.

This year, two tour guides will each conduct three tours per day on weekdays from 16 April to 22 June. The Office of Community Relations, into which the Public Relations Office was incorporated last year, began accepting bookings on March 5 and few openings



*The children enjoy the visit and the opportunity to see the common farm animals, perhaps for the first time, and often they communicate their appreciation. If the animals appreciate all the attention, they sometimes have funny ways of showing it. But then this calf is not yet a year old, too young to have learned manners, and the children from the Students' Union and Community Day Care Centre understood and did not take offence.*

*The courses listed below are intended for all members of the public, whether or not associated with the University, and have been designed to serve the needs of the community. Registrations may be made and information concerning the content of the courses and the instructors may be acquired at 228 Corbett Hall or by telephoning the number at the end of each listing or 432-3034.*

**Beginning:** 18 April. **Duration:** to 20 April. **Location:** Corbett Hall. **Telephone:** 432-3029.

### *Assertion and Interpersonal Skills—Level 1*

**Beginning:** 17 and 19 April.  
**Duration:** 10 weeks. **Time:** 8 p.m.  
to 10 p.m. **Fee:** \$40. **Limit:** 30  
for each section. **Telephone:**  
432-5069.

**Beginning:** 27 April. **Duration:** 2 days. **Time:** 7 p.m. to 10 p.m. (Friday) and 9 a.m. to 5:30 p.m.

*The Farm Tours are not only well booked, but as the letter reproduced below indicates, they are very much appreciated.*

Thank you for giving us the wool.  
Thank you for showing us the bores, the  
sows, and the piglets. Thank you for  
showing us where you milk the cows.  
Thank you for showing us the buffalos.  
Thanks for showing us the chickens.  
Thank you for showing us the roosters.  
Thank you for showing us the turkeys. Thank  
you for showing us the lambs and the  
sheep. Thank you for showing us the bulls.  
Thank you for showing us the calves, and  
letting us pet them too. Thank you for  
showing us the toilet for the cows.  
Thank you for showing us the eggs.  
Thank you for showing us the chicks.

sterling  
CMA Lori  
Kimberly Kevin John  
Peggi Lisa Dawn Kuseh  
Linda Brann Esther  
Brendon  
Collin John  
Jeanette  
Jennifer christine Avron  
Mrs. Hamaluk's  
Kindergarten Classes  
Lee Ridge School  
Nicolie  
Mandy Davis  
Craig David  
Linda  
Alyssa  
Chen  
Michael  
Ashish  
Wamen  
Jason  
Kikki  
Stacy  
Thomix  
Rupinder  
Juhis

(Saturday). *Fee*: \$40 first registration from family, \$35 for each additional registration. *Limit*: 80. *Telephone*: 432-5069.

**Beginning:** 20 April. **Duration:** 3 days. **Time:** 7 p.m. to 10 p.m. (Friday), 9 a.m. to 10 p.m. (Saturday), and 9 a.m. to 12 p.m. (Sunday). **Fee:** \$70. **Limit:** 12. **Telephone:** 432-5069.

**Beginning:** 28 April. **Duration:** 2 days. **Time:** 9 a.m. to 5 p.m. **Fee:** \$40. **Limit:** 20. **Telephone:** 432-5069.

**The Recurring Search**  
Beginning: 3 April. Duration: 8 weeks. Time: 6:30 p.m. to 9:30 p.m. Fee: \$50. Limit: 30. Telephone: 432-5069.

**Beginning:** 7 April and 5 May.  
**Duration:** 1 day. **Time:** 9 a.m.  
to 4 p.m. **Fee:** \$20. **Limit:** 20.  
**Telephone:** 432-5069.

**Beginning:** 5 May. **Duration:** 2 days. **Time:** 9 a.m. to 4 p.m. **Fee:** \$35. **Limit:** 18. **Telephone:** 432-5069.

**Beginning:** 2 April. **Duration:** to 5 April. **Time:** 9 a.m. to 4 p.m. **Fee:** \$16. **Limit:** 24. **Telephone:** 432-5069.

**Beginning:** 16 April. **Duration:** 2 days. **Time:** 9 a.m. to 4 p.m. **Fee:** \$13. **Limit:** 20. **Telephone:** 432-5069.

**Beginning:** 6 April. **Duration:** 1 day. **Fee:** \$13. **Limit:** 12. **Telephone:** 432-5069.

**Beginning:** 7 May. **Duration:** 2 days. **Fee:** \$14. **Limit:** 30. **Telephone:** 432-5069.

The Faculty of Extension is offering courses in English as a second language during the Spring Term. The courses progress to a level of competence suitable for business and postsecondary education. They will run from 18 April to 28 June meeting twice a week for a total of 40 hours of instruction. The classes will be limited to twenty participants and instruction will be informal. The fee for each level course will be \$65 and for the pronunciation course \$45. In addition, ITV (Channel 13, Cable 8) will offer a television course from 17 April. The fee is payable to the Faculty of Extension and is \$25.

**Beginning:** 5 April. **Duration:** 10 weeks. **Time:** 7:30 p.m. to 10 p.m. **Fee:** \$90. **Limit:** 9. **Telephone:** 432-3034.

**Beginning:** 21 April. **Duration:** 1 day. **Time:** 9 a.m. to 4:30 p.m. **Fee:** \$30. **Limit:** 15. **Telephone:** 432-3034.

**Beginning:** 2 May. **Duration:** 8 weeks. **Time:** 7:30 p.m. to 10 p.m. **Fee:** \$55. **Limit:** 25. **Telephone:** 432-3034.

**Beginning:** 2 June. **Duration:** 2 June and 7 June. **Time:** 10 a.m. to 3 p.m. (Saturday) and 7 p.m. to 9 p.m. (Thursday). **Fee:** \$30. **Limit:** 12. **Telephone:** 432-3034.

**Beginning:** 23 April. **Duration:** 3 days. **Telephone:** 432-3034.

**Beginning 24 April. Duration:**  
**2 days. Telephone: 432-3034.**

**Beginning:** 26 April. **Duration:** 2 days. **Telephone:** 432-3034.

*Beginning: 10 May. Duration: 2 days. Telephone. 432-3034.*

*Beginning:* 15 May. *Duration:* . . .  
1 day. *Telephone:* 432-3034.

*Beginning: 28 May. Duration: 2 days. Telephone: 432-3034.*

**Beginning:** 2 May. **Duration:** 1 day. **Telephone:** 432-3034.

**Beginning:** 16 May. **Duration:** 1 day. **Telephone:** 432-3034.

Need a speaker for an upcoming meeting? Do you have a desire to find out more about the solar eclipse, Canadian literature, dressing successfully, or almost any topic? The University's Speakers' Bureau is a free service to the community, which coordinates members of the university community with the larger sector. There is no charge for the service, and we try our hardest to fill your request. For further information about the Speakers' Bureau, or to place a request for a speaker, telephone 432-2325 or write:

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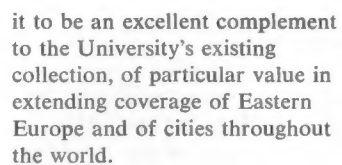
For more than 40 years, Professor Bogdan Zaborski was a teacher of geography. During that time he built a sizeable collection of maps.

The one-time head of the Department of Geography at the University of Ottawa became interested in maps as a young man in his native Poland. While a teacher of geography at various Canadian universities he built up his collection until it comprised more than 25,000 maps.

Professor Zaborski has retired from teaching and his maps are now a part of the University of Alberta Map Collection. The purchase of the collection was assisted by a \$3,750 grant from the Alma Mater Fund, the vehicle through which University of Alberta Alumni support worthwhile projects at their alma mater.

Although the collection has just recently arrived at the University of Alberta, negotiations for its purchase were begun some years ago.

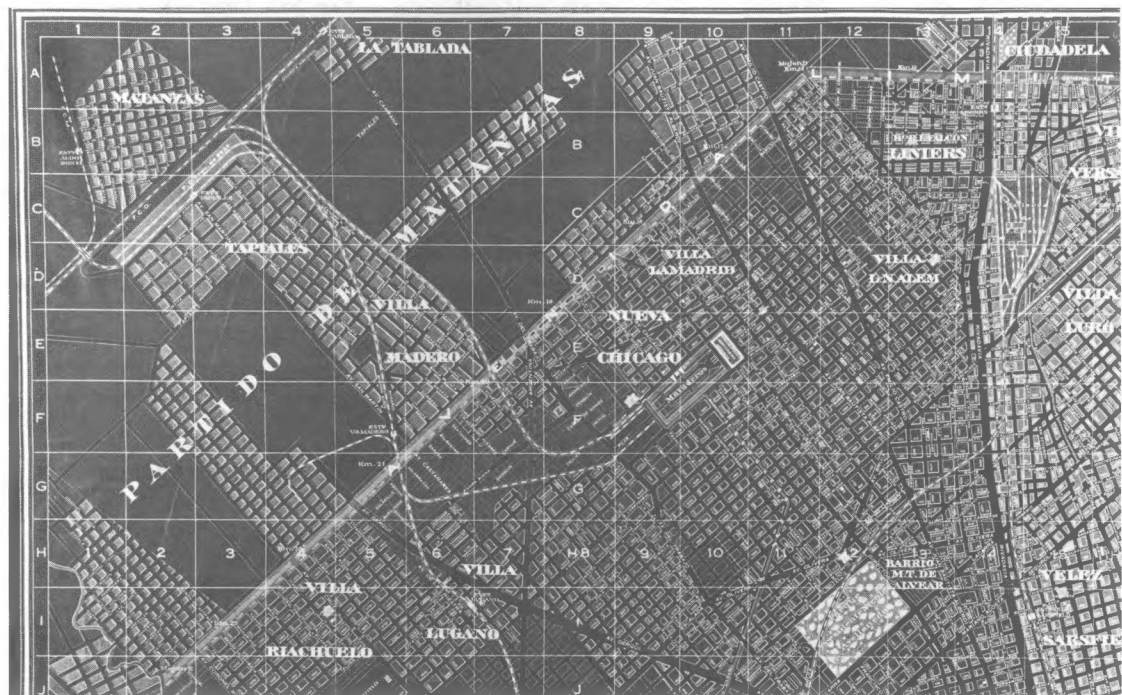
Prior to the purchase, Ronald Whistance-Smith, the University's map curator, travelled to Ottawa to assess the collection. He found



Says Mr. Whistance-Smith, Professor Zaborski was a "real generalist," and his map collection reflects this. There are maps

of all sorts: road maps, city maps, soil maps, geological maps, land survey maps; old maps and newer maps; and maps in Chinese, maps in Arabic, maps in German, maps in English, and maps in a variety of other languages.

Mr. Whistance-Smith says that there is some fairly rare material in the Zaborski collection, "things



*Pictured on these two pages are examples of the range and diversity of maps that are now a part of the University's map collection.*

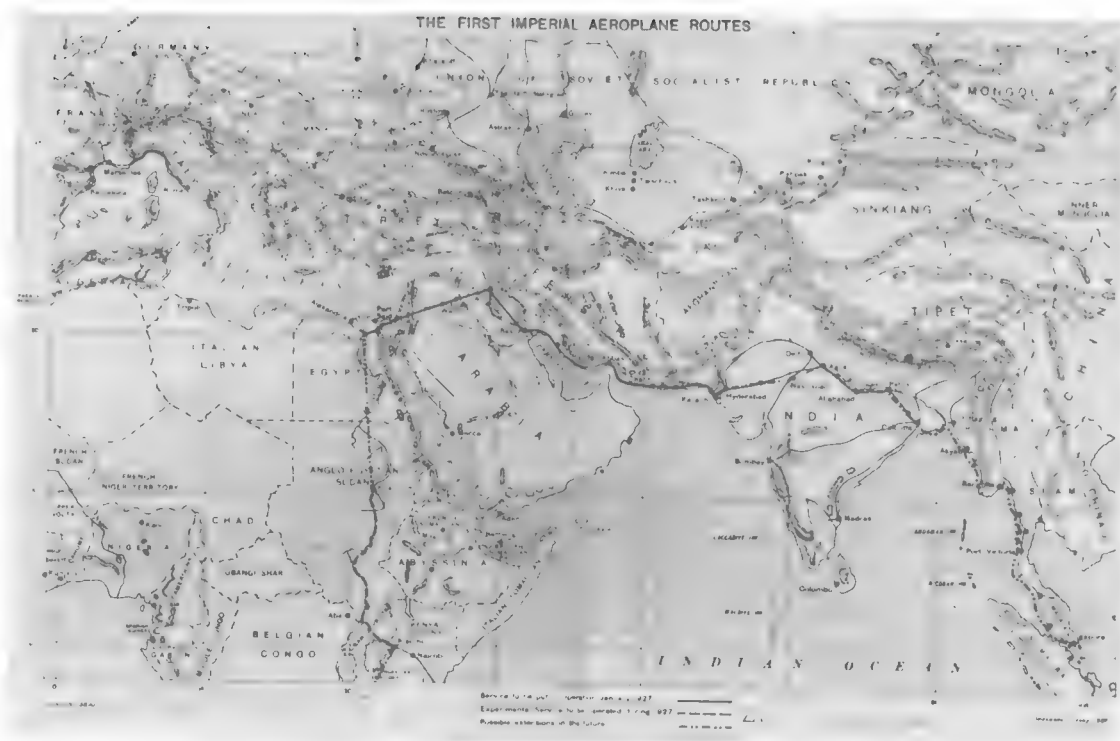
you couldn't go out on the market and buy," and little of the material duplicates items already in the University collection—and a few duplicates can be useful for trading purposes.

The diversity of the Zaborski collection contributes greatly to its value to the University, making it of interest to scholars in a variety of disciplines. Naturally, the collection is of interest to the Department of Geography. It contains samples of various cartographic techniques and many of the maps have been classified as to landforms and settlement types, both of which are areas of interest within the Department.

The usefulness of the collection, however, does not end with the geographers. Students of history, particularly military history, will find maps of interest, and there is also material which has value in the field of archeology, says Mr. Whistance-Smith. The collection also provides information useful for genealogical searches, and no doubt it will see use by other researchers as well.

The Zaborski collection includes samples of many early map series from South America, Africa and Europe, and of particular interest are large quantities of material captured from the German armed forces during the Second World War. This latter material includes three sections of *Militär-geographische Einzelangaben über England*. Each is concerned with a particular portion of the country and consists of a pamphlet of photos showing military objects and landmarks, and a series of maps detailing strategic areas.

The collection is now being catalogued as to the order in which Professor Zaborski maintained it—it was largely arranged to accommodate his teaching interest in landforms and settlement—and will soon be integrated into the University Map Collection housed in Room B-7 of the Henry Marshall Tory Building on campus. □



## Volleyball in Tel-Aviv

For the University of Alberta's Golden Bear and Panda volleyball players the 1978-79 season will not be one soon forgotten. Their respective seasons of competition have already proven satisfying, but it is the post-season plans that promise to make the season unforgettable.

Both the teams, the senior men's and women's volleyball teams at the University, will be taking part in the eleventh annual Israel International Sport Week, 19 to 26 May in Tel Aviv. Prior to that, the volleyball teams will visit Europe where they have exhibition games arranged. The players will leave Edmonton on 9 May and will return on 31 May.

Says Hugh Hoyles, coach of the Bears, "educational experience through athletic participation is what university athletics should be all about." He believes that a trip such as the volleyball teams will be making—a combined cultural and athletic exchange—meets that objective very well. Because it does, Coach Hoyles and Pierre Baudin, the coach of the Pandas, were eager to have their players



take part and responded when they received a circular inviting applications to the Israeli tournament.

The tournament is a popular one and its popularity is enhanced by the fact that visiting teams are accorded free room, board, and transportation within Israel. Therefore, it was a pleasant surprise when both Bears and Panadas were accepted and received invitations to take part.

To round out the trip and to take advantage of charter flight rates, the teams will visit European countries prior to going to the Mideast. In this regard, the connections Coach Hoyles made as a co-ordinator of the volleyball competition at the Montreal Olympics proved valuable and arrangements have been made for exhibition games in France and West Germany.

In 1974 a volleyball club team from Duren, West Germany, visited Edmonton and players were billeted out in private homes; the Duren team will be reciprocating when the Bears and Pandas are in their country, and that will help keep expenses down. In addition, the teams were recently awarded a \$3,000 grant from the Alma Mater Fund to cover some of the costs that will be involved. "We are really pleased to receive the Alma Mater Fund support," says Hoyles.

The players are now busy trying to raise other funds. As matters currently stand, each player would have to contribute about \$1,000 towards the trip. It is hoped that enough funds can be raised to lower the amount the individual players will have to contribute down to about \$400 or \$500. □



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## coming events

The events listing in Folio normally refers to off and on campus events for the ten-day period subsequent to publication. For the issue of Folio being distributed to Alumni, however, we have extended the listing in the hope that those people who live in Edmonton and vicinity (over one third of all the graduates of the University) will find the listings useful. Anyone, whether from Edmonton and vicinity or visiting, is welcome to take advantage of the many events which take place on campus.

### Films

#### Cinematique 16

12, 13 April. 7:30 p.m. *Recommendation for Mercy*.

15 April, Sunday. 2 p.m. *Fantastic Voyage*.

19, 20 April. 7:30 p.m. *Death Weekend*.

22 April, Sunday. 2 p.m. *The Village of the Damned*.

26, 27 April. 7:30 p.m. *J.A. Martin, Photographe*.

29 April, Sunday. 2 p.m. *The Omen*.

3, 4 May. 7:30 p.m. *The Apprenticeship of Duddy Kravitz*. For further information, contact Cinematheque 16, telephone 437-3863.

#### Provincial Museum

11 April, Wednesday. 7 p.m. *Lady Sings the Blues* (United States, 1972).

13 April, Friday. 2 p.m. and 7 p.m. *The Ten Commandments* (United States, 1956).

15 April, Sunday. 4 p.m. and 8 p.m. *Ben Hur* (United States, 1959).

16 April, Monday. 2 p.m. *The*

*Golden Age of Comedy* (United States, 1958).

18 April, Wednesday. 7 p.m. *Lust for Life* (United States, 1956).

22 April, Sunday. 4 p.m. and 8 p.m. *Lawrence of Arabia* (Great Britain, 1962).

25 April, Wednesday. 7 p.m. *The Miracle Worker* (United States, 1962).

29 April, Sunday. 4 p.m. and 8 p.m. *Quo Vadis* (United States, 1951).

2 May, Wednesday. 7 p.m. *Bonnie and Clyde* (United States, 1967).

6 May, Sunday. 4 p.m. and 7 p.m. *Bringing Up Baby* (United States, 1938).

9 May, Wednesday. 7 p.m. *Sounder* (United States, 1972).

13 May, Sunday. 4 p.m. and 7 p.m. *The Philadelphia Story* (United States, 1940).

16 May, Wednesday. 7 p.m. *Why Shoot the Teacher?* (Canada, 1977).

20 May, Sunday. 4 p.m. and 7 p.m. *Adam's Rib* (United States, 1949).

23 May, Wednesday. 7 p.m. *The Sting* (United States, 1973).

30 May, Wednesday. 7 p.m. *Paper Moon* (United States, 1973).

#### Citadel National Film Theatre

11, 12 April. 7:30 p.m. *Isadora* (Great Britain, 1968).

13, 15 April. 7:30 p.m. *Zorba the Greek* (Greece/United States, 1964).

18, 19 April. 7:30 p.m. *Sounder* (United States, 1972). 9:15 p.m. *The Bingo Long Travelling All Stars and Motor Kings* (United States, 1976).

20 April, Friday. 7:30 p.m. *Mon Oncle Antoine* (Canada, 1972). 9:30 *Ti-Cul Tougas* (Canada, 1976).

22 April, Sunday. 8 p.m. *Ti-Cul Tougas* (Canada, 1976).

25, 26 April. 7:30 p.m. and 9:15 p.m. *Una Giornata Particolare* (Italy, 1978).

27 April, Friday. 7:30 p.m. *Il Generale Della Rovere* (Italy, 1959). 9:50 p.m. *Umberto D* (Italy, 1954).

2, 3 May. 7:30 and 9:15 p.m. *The Best of The Rolling Stones*

## Looking at the University

The University of Alberta Campus offers a multitude of things to see. The most obvious focus for the research and teaching collections, artifacts, and works of art is the University Art Gallery and Museum, but in fact there are numerous collections and smaller museums located around campus. Although the research collections of such Departments as Zoology, Botany, Entomology, and so forth are not open for public viewing, the curators of such collections can be approached by anyone who might have a particular interest in the field and a viewing time can be arranged.

For the individual who simply wishes to see a display that is interesting and educational, a walk through any of the buildings on campus will sooner or later reveal exhibits that range from meteorites to rare books.

Pictured to the right are just a few of the various sights that can be seen. Those individuals who are interested in a specific discipline can contact the appropriate Department directly or they may contact the University Art Gallery and Museum.

(United States, 1972).

6 to 18 May. 7:30 p.m. *Dersu Uzala* (USSR, 1974).

20, 23 May. 7:30 p.m. *Melody* (Great Britain, 1971).

24, 25 May. 7:30 p.m. and 9:15 p.m. *The Beatles and Beyond* (Great Britain, 1970).

27 May, Sunday. 8 p.m. and 30 May, Wednesday. 7:30 p.m. and 9:00 p.m. *Mouchette* (France, 1960).

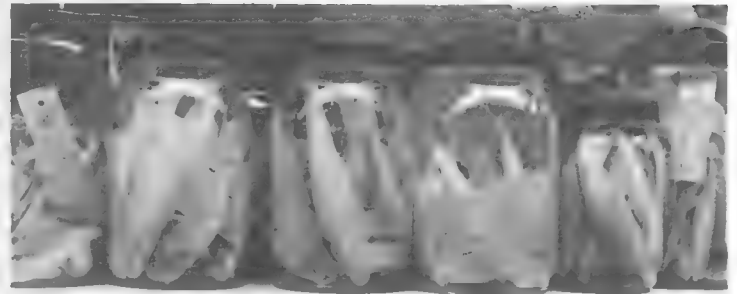
31 May, 1, 3 June. 7:30 p.m. and 9:15 p.m. *That Obscure Object of Desire* (France/Spain, 1977).

6, 7, 8 June. 7:30 p.m. and 9:15 p.m. *Steppenwolf* (United States, 1974).

10 June, Sunday. 8 p.m. *Black*



*Whether the research and teaching collections of the University are considered, or simply the stone work on some of the buildings, the end result is a rich and diverse environment both for the eye and for learning.*



*and White in Colour (Ivory Coast, 1976).*

## Exhibitions

### **University Art Gallery and Museum**

*To 30 April.* An exhibition of works by Cherie Moses.

*From 7 to 31 May.* An exhibition by handweavers, spinners, and dyers of Alberta.

*From 7 to 31 May.* "Sunrises: Titles and Twills," an exhibition from the Royal Ontario Museum of works by American weaver H. Theodore Hallman with titles by Toronto poet Kenneth Mills.

*From 7 to 31 May.* An exhibition

of photographs by Harry Thomson.

*From 10 June.* "Inuit Games and Contests," an exhibition of Eskimo prints from the Clifford E. Lee Foundation collection.

### **Edmonton Art Gallery**

*To 15 April.* "The Alberta Landscape," an exhibition which surveys the development of landscape painting with a particular emphasis on contemporary artists.

*From 20 April.* An exhibition of works by Jules Olitski which explores the nature and development of the "matter paintings" by this American artist in the 1970s.

*To 22 April.* An exhibition of photographs by Nina Raginsky.

*To 22 April.* An exhibition of works by members of the Edmonton Art Club.

*To 29 April.* "Recent Acquisitions '79," an exhibition of works of art purchased by or donated to the gallery in 1978.

*From 27 April.* An exhibition of constructed wood sculpture by Catherine Burgess.

*From 4 May.* "Prairie Printmakers," an exhibition of works by printmakers in the Canadian West.

*From 1 June.* "Storyville Portraits," an exhibition of photographs of turn of the century New Orleans by E.J. Bellocq.

*From 8 June.* An exhibition of paintings by Emily Carr.

### **Provincial Museum**

*Continuing.* "Ancient Crossroads: the Rural Population of Classical Italy," and "Villa Rustica: the Canadian Excavations," an exhibition which includes Greek and Roman ceramics and statuary, bronze and gold jewelry, coins, and other items from excavations in southern Italy.

*Continuing.* "Village in Transition," an exhibition which demonstrates the combination of traditional and modern influences in the Korean village of Sam Jong Dong.

*From 18 April.* "In Mountain Light," an exhibition of photographs of the Canadian Rockies from the Byron Harmon collection 1906 to 1934.

## Music

### Department of Music

The following student recitals will be given in Convocation Hall, free admission, on the dates stated. Persons wishing to attend are asked to contact the Department office, 432-3263, as the schedule is subject to change.

10 April, Tuesday. 5 p.m.

Darwin Werner, saxophonist.

11 April, Wednesday. 5 p.m.

Woodwind Quintet will perform.

8 p.m. David Crowther, flautist.

12 April, Thursday. 8 p.m.

The University of Alberta  
John Nagy, flautist.

16 April, Monday. 8 p.m.

Jennifer Scragg, soprano.

20 April, Friday. 8 p.m.

Angela Cheng, pianist.

21 April, Saturday. 8 p.m.

Tim Mallendaine, tenor.

23 April, Monday. 8 p.m.

Clarence Ledbetter, organist.

24 April, Tuesday. 8 p.m.

Michael Rose, pianist.

25 April, Wednesday. 8 p.m.

The University of Alberta  
Concert Choir will perform.

1 May, Tuesday. 8 p.m.

Christopher Taylor, trombone.

2 May, Wednesday. 8 p.m.

Sandra Hunt, pianist, and Gary  
Russell, cellist.

5 May, Saturday. 8 p.m.

Trio Dalverna will present a  
concert of chamber music.

6 May, Sunday. 8 p.m.

Robert Mast, baritone.

### Students' Union Theatre

4, 5 May. 8:30 p.m. Students'  
Union Concerts present Murray  
McLauchlan in concert. Tickets  
available at the SU Box Office  
(HUB Mall), Mike's, and at all  
Woodward's stores.

### Jubilee Auditorium

13, 14 April. 8 p.m. The Church  
of Jesus Christ of Latter Day  
Saints presents *Fiddler on the  
Roof*. Tickets available at Mike's.

19, 21, 23 April. 8 p.m. Edmonton  
Opera Association presents  
Donizetti's *Lucia di Lammermoor*.  
Tickets available at the SU Box  
Office, (HUB Mall), Mike's, the  
Citadel box office, and at the



Members of the cast of *Good News*, a recent Studio Theatre Production.

Edmonton Operation Association  
office.

24, 25 April. 8:30 p.m. Toronto  
Symphony Orchestra in concert.  
Tickets available at the SU Box  
Office (HUB Mall) and at the Bay.

27 April, Friday. 8 p.m. White  
Heather Concert Party featuring  
Kenneth McKellar. Tickets  
available at Mike's.

### Latitude 53

15 April, Sunday. 2:30 p.m. "The  
Avant Garde Violin," with Jerry  
Ozipko, violinist.

6 May, Sunday. 2:30 p.m. A  
chamber concert of music for  
voice, harp, and guitar duo will  
be performed.

20 May, Sunday. 2:30 p.m. The  
Edmonton New Music Ensemble  
will perform a concert of works  
by Constant, Creaghan, Fukushima,  
Hartwell, Lanza, and Shearer.  
For ticket information telephone  
423-3126.

### Alberta College

28 May, Monday. 8:30 p.m.

Aurora Quartet will perform.

Citadel Shoctor Theatre. Tickets  
available at the Citadel box office,  
telephone 425-1820.

### Da Camera Singers

13 April, Friday. 8 p.m. and  
15 April, Sunday. 3 p.m. Da  
Camera Singers present Bach's  
Cantatas no. 4 and no. 23. All  
Saints Cathedral, 10035 103  
Street. Tickets available at the  
door.

## Theatre

### Studio Theatre

From 7 to 12 May. *What the  
Butler Saw* by Joe Orton.

From 4 to 9 June. *Bonjour la  
Bonjour* by Michael Tremblay.  
For ticket information and show  
times telephone 432-2495.

### Citadel Theatre

To 22 April. *The Ecstasy of Rita  
Joe* by George Ryga. For ticket  
information and show times  
telephone 425-1820.

### Walterdale Playhouse

From 17 to 21 April. *Walterdale  
Showcase*, an evening of three one  
act plays.

From 22 May to 2 June. *The  
Man Who Came to Dinner* by  
George S. Kaufman and Moss  
Hart.

For ticket information and show  
times telephone 424-0121.

### Workshop West

From 16 to 27 May. *On the Job*  
by David Fennario. Latitude 53,  
10048 101A Avenue. For ticket  
information and show times  
telephone 436-7378.

### Northern Light Theatre

From 3 May to 3 June. *Back to  
Beulah* by W.O. Mitchell. For  
ticket information and show times  
telephone 429-3110.

### Theatre 3

To 15 April. *Otherwise Engaged*  
by Simon Gray. For ticket infor-  
mation and show times telephone  
426-6870.

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# Footsteps—An Autobiography

*The following review of Footsteps—An Autobiography was sent to Folio by Walter Johns, past President of the University of Alberta. Dr. Johns felt that both the campus community and the alumni would be interested in Earle MacPhee's book.*

*Footsteps—An Autobiography*, by Earle Douglas MacPhee, Versatile Publishing Co. Ltd., Vancouver, July, 1978.

Earle D. MacPhee, M.M., M.A., M.Ed., LLd., D.U.C., D.C.L., has had a life of enormous range and remarkable achievement. If variety is the spice of life, his career has been filled with it in abundance.

Born in New Brunswick, he has lived and worked in Nova Scotia, Ontario, Alberta, and British Columbia with an interlude in the army from 1916 to 1919 when he was awarded the Military Medal, and another in business in England from 1937 to 1950.

After convalescing from his war wounds and trench fever in England he met Dr. H.M. Tory and Mr. D.E. Cameron of Khaki College and under the regulations then prevailing, he was able to register at the University of Edinburgh and graduate in both Arts and Education by July, 1920, on the basis of advance credits gained at Acadia University plus his studies in Edinburgh.

A year as lecturer in Psychology at Acadia was followed by an invitation from Dr. Tory to join J.M. MacEachran and Dr. John MacDonald in the Department of Philosophy at the University of Alberta. There he offered a wide variety of courses to graduate students, undergraduates and students in Extension programs. Two of his graduate students were M.E. Lazerte and S.R. Laycock who later became Deans of Education at the Universities of Alberta and Saskatchewan respectively. As the University was developing degree programs in both Law and Medicine, the young professor became involved in organizing courses in Legal and Medical Psychology, while also assisting Hon. Perrin Baker, Minister of Education, and his Deputy Minister, Dr. G. Fred McNally in reorganizing school curricula.

Though he and Mrs. MacPhee were happy in Edmonton, they answered a call to the University of Toronto in 1924 where Earle spent five busy years—teaching on campus in the winter, teaching Summer School at the Universities of Chicago and Iowa, and working in the field of Mental Hygiene in Toronto.

By 1929 a fresh decision had to be made—whether to remain at the University of Toronto, accept the Headship of Psychology at the University of Iowa, or yield to the challenge of business as a new career. Business won out and for the next seven years Earle was engaged in learning the science of industrial management, most of it in the midst of the worst depression in history.

Contracts with British industrialists led to his being invited to Britain in 1936 where he fulfilled a number of assignments in fields ranging from the manufacture of gloves, to bombers, and finally to developing production alginates.

In 1950 he ended his career abroad and returned to Canada at the behest of two old friends, President McKenzie and Dean Chant of UBC, to take over the post of Director of the School of Commerce there with the title of Honorary Bursar to permit him to advise on the University's finances generally. These two roles would have been heavy enough for the average person, but seeing a need for wider scope for the education of business leaders in Canada he joined another human dynamo, Donald Cameron, Director of the Banff School of Fine Arts to establish the Banff School of Advanced Management under the aegis of the four Universities of Western Canada. The success of this venture led to an invitation to help establish similar schools in Singapore and Malaysia.

Recognition came in many ways. The University of Alberta awarded him an Honorary Degree in 1957 and similar degrees followed from

the Universities of British Columbia, Calgary, and Acadia, not only for his solid accomplishments but for the philosophy of education he followed so faithfully and the high ethical standards he upheld in business and in life.

These are only a few highlights in the life of a remarkable Canadian—a career marked by involvement in two world wars, by a serious illness of his wife and later himself, and by other difficulties. In spite of them all, he and his beloved wife, Jean, are still surviving today in the fulness of years and he is as familiar a figure today in his stiff wing collar and black bow tie, his perpetual trademark, as he was to a multitude of friends and associates across Canada and around the world.

Walter H. Johns

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## Hector MacLeod 1887-1978

Hector J. MacLeod, chairman of the Department of Electrical Engineering at the University of Alberta from 1924 to 1936, died in Vancouver on 30 November 1978 at the age of 91.

Born in Prince Edward Island, Dr. MacLeod received his Bachelor of Science degree from McGill University in 1914, after winning the British Association Medal for the highest standing in electrical engineering. He also attended the University of Alberta (MSc, 1916) and Harvard University (PhD, 1921). He was a member of the faculty of the University of Alberta, and headed the Department of Electrical Engineering from 1924 to 1936.

In the fall of 1936, Dr. MacLeod joined the faculty of the University of British Columbia as chairman of the then combined Department of Electrical and Mechanical Engineering. He served as Dean of Applied Science at the University of British Columbia from 1950 to 1953. The electrical engineering building on that campus is named for him.

Hector MacLeod had a long and influential career as a pioneer in electrical engineering education, both in Alberta and in British Columbia. In addition to his teaching achievements, he played a leading part in bringing education to the people by his involvement in radio station CKUA. This

unique, non-commercial radio station started as a cooperative venture between the Department of Extension and the Electrical Engineering Department at the University of Alberta. It first went on the air in 1927. In addition to maintaining the station, the equipment was rebuilt by members of the Electrical Engineering Department on an almost continuous basis, as and when new designs became available.

Active and distinguished participation in the Canadian forces during the two World Wars also features in Dr. MacLeod's long career and dedication to Canada. During World War I he was a major in the Canadian army in the French and Belgian fronts, and worked on the protection of naval forces against magnetic mines for the National Research Council during World War II. For this great service Dr. MacLeod was awarded the Order of the British Empire.

Also in World War I, Dr. MacLeod commanded the University of Alberta Company of the 196th Western Universities Battalion, and accompanied it overseas. He was also the first commanding officer of the University of Alberta's Canadian Officers' Training Corps.

In 1937 Dr. MacLeod was awarded the fourth McNaughton Medal of the Canadian section of the Institute of Electrical and Electronics Engineers for "pioneering achievement in electrical engineering education in Western Canada."

## alumni notes

**23** *F.A. Rudd, BA*, is busy with research on The World Peace Through Law Centre of Washington, D.C. of which he is a member.

**25** The Canadian Society of Rural Extension has presented an Honorary Life Membership to *Eric W. Cormack, BSc(Ag)*, in recognition of outstanding and valued service to Rural Extension in Canada. In 1977 Col. Cormack and his wife, *Barbara Cormack, '24 BA*, were awarded the Alberta Achievement Award for service in recognition of their outstanding voluntary work with the mentally retarded. In March the Cormacks were holiday guests in Hawaii compliments of the "Eric Cormack Centre" for the severely handicapped in Edmonton.

**30** The first to introduce radiology as a medical specialty in Red Deer and Central Alberta, *William Parsons, BA*, was recently named senior life member of the Alberta Medical Association. Dr. Parsons was



*Eric W. Cormack BSc(Ag) '25*



## Japanese Fan Prints

One of the nicest things that has happened to the Alumni office since its move to Athabasca Hall has been the opportunity to display a number of dazzling Japanese Fan prints. A total of twenty-two of these, ensconced in a handsome portfolio, were left as a gift by a travelling troupe of alumni representatives from Nagoya University, Japan. The originator and president of Nagoya University is Dr. Yuichi Kurimoto, the first Japanese to receive a degree from the University of Alberta in 1930, and the recipient of a LLD from his Alberta alma in 1964. □

singled out for the distinctive honor in recognition of his long and prominent activities in the affairs of organized medicine.

**31** It was a bitterly cold winter night when *Joseph S. Beggs, BSc*, first set foot on the campus "when I rode my bicycle across the High Level bridge to deliver a telegram to Pembina Hall. The house-mother invited me in for a very welcome cup of tea." That was just after the turn of the century. This winter Mr. Beggs allocated 100 shares of Giant Yellowknife Mines to the Board of Governors for the purpose of establishing a bursary fund for needy students.

**34** After 28 years on the faculty *M.L. Keith, BSc(Eng)*, professor of geochemistry and director of the mineral conservation section in the College of Earth and Mineral Sciences, has retired from Penn State College.

**35** The collection of articles "Images of the Commune"

dedicated to the memory of *Glen Shortliffe, BA*, one of Queen's outstanding teachers, has been published by McGill-Queen's Press. Copies may be obtained from the order department, University of Toronto Press.

*Gordon W. Webster, BSc(Eng)*, retired from Home Oil Company after 38 years, is doing some consulting.



*John E. Bradley MD '37*

**36** *Dave Lander, MD*, who has had a life-long interest in psychosomatic illness was a recipient of an Honorary Doctor of Laws degree at Fall Convocation, University of Calgary. Since retiring from a Black Diamond medical practice Dr. Lander has been writing and lecturing.

**37** A September date will see *John E. Bradley, MD*, accept the Medical Alumni Outstanding Achievement Award at ceremonies in Calgary. The Award is placed annually with a medical graduate who has contributed significantly to the worth and luster of the University, either directly or indirectly.

**45** At the head of the Calgary Chamber of Commerce is *Al Ross, BSc(Eng)*. This marks the first time a son has followed in his father's "Chamber footsteps." W.H. Ross served as president of the Calgary Board of Trade, the Chamber's ancestor in 1930.

The public service of *George Govier, MSc*, was recognized

## Alumni Matching Grant

It was a special moment at the Bookworm Ball, sponsored by the Red Deer alumni unit, when Dr. William Forbes (right), President of Red Deer College, accepted a cheque for \$1,000 as a matching grant from Bob Edgar, President of the General Alumni Association. The Alumni cheque represented an amount equivalent in gift dollars to those placed by the Red Deer branch unit with the college for scholarships, recognition of deserving students, etc. in 1978. □



recently by his being named "Oilweek's Man of the Year." Dr. Govier, retired recently as chairman of the Alberta Energy Resources Conservation Board.

**46** Francis D. Leeder, BSc(Eng), is president of Hiram Walker & Sons Limited.

Allen Ronaghan, BEd, is continuing to research the life of Adams George Archibald, first lieutenant-governor of Manitoba.

**47** Andrew Baracos, BSc(Eng), is head of the new department of geological engineering, University of Manitoba.

**48** William R. Sinclair, LLB, has been sworn in as new Chief Justice, Trial Division, Supreme Court of Alberta.

**49** The new chairman of the Alberta Energy Resources Conservation Board is Vernon Millard, BCom, succeeding Dr. George Govier.

**50** The Ames Award 1978, the highest honor of the Canadian Society of Clinical Chemists, was presented to Arlene (Maximchuk) Crowe, BSc, clinical chemist at the Hotel Dieu Hospital, Kingston, Ontario.

In 1950 Maurice Spring, BSc(Eng), bought a piece of land

west of Calgary and founded "Springhaven," 80 acres of dairy farm which he continues to use as a group home for children who have become the victims of war and poverty.

J. Long, BSc(Eng), is general manager of the Northern Canada Power Commission.

**51** D.O. Stewart, BSc, is with Mobil Oil Canada Limited as geological manager.

J.E. 'Ed' Monagle, MD, former acting director of Community Health Services, Department of National Health and Welfare, Ottawa, is now associate professor in the Department of Foods, Nutrition and Institution Management, Washington State University.

George D. Kermack, BSc, is new employer representative with the provincial Apprenticeship and Trade Certification Board.

Bill Slemko, BSc(Eng), is vice-president, exploration, Decalta International Corporation.

**53** Frances (Suter) Puffer, BA, is teaching sociology two days a week at Camrose Lutheran College.

John D. Francis, BCom, is president of Francis, Williams and Johnson Ltd., Alberta's largest advertising, public relations, and

market research firm.

Lorne L. Clapson, LLB, is vice-president and general manager, Cargill Grain Company Limited, Western Canadian operations.

**54** L.J. Field, BSc(Eng), is drilling manager, Amoco Canada Petroleum Company Limited.

M.P. Peterson, BSc(Eng), is manager-Western Region (Marketing), Gulf Canada, Calgary.

**55** J. Robert Gourdine, BEd, is president, Merit Mortgage Group Ltd., Edmonton.

Dave Hilton, BCom, continues to travel the world as director of international programs, Department of Finance, Government of Canada.

**56** Senior vice-president of Kraft and Recycled Products, James N. Bowersock, BSc(Eng), is responsible for the St. Regis (Alberta) operations plus the sales of international Kraft commodities and pulp.

H. Earl Joudrie, BA, is president and chief executive officer of Voyager Petroleums Limited.

Acting Dean of the College of Engineering, University of Delaware, is T.W. Fraser Russell, BSc(Eng), co-author of "The

## Alumni Homecoming 1979

Friday 5 October

Wine and Cheese Party, and Meet the Prof's, at the Faculty Club from 8 p.m. to 10 p.m.

Saturday 6 October

Campus Tour starting at 10 a.m. from the Rutherford Library (Galleria).

A pre-game luncheon will be held at Lister Hall at 11:30 a.m. At 2 p.m., the kick-off for the annual football game between the University of Alberta Golden Bears and the University of Calgary Dinosaurs will take place at the University of Alberta field.

The Homecoming reception will take place from 6:30 to 7:30 p.m. at Lister Hall followed by the Homecoming Banquet and Ball from 7:30 p.m. to 1 a.m.

Tickets are available from the Alumni Office, 430 Athabasca Hall, 432-3224.

Wine and Cheese Party

\$3 per person

Banquet and Ball

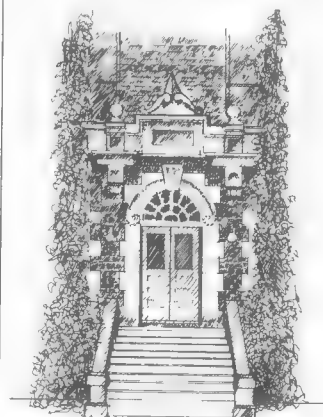
\$10 per person

Luncheon and Football Game

\$2.50 for adults and

\$1.50 for children

Special Classes this year are '19, '29, '39, '54, '59, '69, '74



## Alumni Family Exchange

*The Alumni Association of the University of Alberta is initiating the Alumni Family Exchange to provide young people from ages 14 to 22 with an inexpensive, exciting, and educational opportunity to explore Canada.*

By compiling a central Exchange Directory and making it available to the members of the University of Alberta Alumni across Canada, the Association is able to offer you the opportunity to provide your sons and daughters with a unique holiday. The way in which you choose to use the Family Exchange Directory is up to you and your family.

If you live in a rural area, your child might wish to visit a large urban centre. Conversely, a member of your family might well wish to try living in a rural setting. Children from eastern

Canada might want to try the west, or children from a coastal area might want to see the prairies. The choice of location is up to you.

Your children will not be the only ones to benefit from the Family Exchange. Participating parents will not have the holiday their child is having, but they will have the broadening experience of welcoming a visitor from another family and another part of Canada into their home environment.

If you are interested in the Alumni Family Exchange, please fill out the request-for-information form and return it to the Alumni Office. An information package will be mailed to you. Upon your returning the application forms enclosed in the information package, the

Alumni Association will send you the Exchange Directory, enabling you to make your own arrangements.

Please note that the Alumni Association will provide these services completely free of charge.

### Information Request Form

(please return by 18 May)

To:

General Alumni Office  
430 Athabasca Hall  
University of Alberta  
Edmonton, Alberta  
T6G 2E8

Family Name \_\_\_\_\_

Christian Name of Alumnus \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

Postal Code \_\_\_\_\_

Telephone number ( ) \_\_\_\_\_

Faculty of Graduation \_\_\_\_\_ Year \_\_\_\_\_

Structure of the Chemical Processing Industries," published recently by McGraw-Hill Book Company, New York. A specialist in two-phase fluid mechanics and the design of gas liquid systems, Dr. Russell has written more than 20 articles and has presented many technical papers in the United States and abroad.

At a recent workshop the Greater Edmonton Region of the

Alberta Learning Resources Council presented its Award of Merit for outstanding contributions to the school media profession to *L.G. Wiedrick, BEd*, of the Department of Elementary Education. Dr. Wiedrick was the first fulltime instructor in school librarianship at the University and developed the present programs at the undergraduate, diploma, and graduate levels.

**57** *Robert H. Allan, LLB*, is a judge of the provincial court in Saskatchewan. Judge Allan had been a part-time sessional lecturer in real estate law, department of extension, University of Regina.

**58** Under the leadership of *Robert G. Brawn, BSc(Eng)*, Turbo Resources Limited has gathered an impressive collection of oil companies under a diversified operations umbrella.

*John L. Williams, BA*, is a visiting associate professor of psychology, West Virginia University.

**59** *Gus Czeman, BSc(Eng)*, is vice-president, operations, Canadian Reserve Oil & Gas Limited.

*Donald H. Sprague, BCom*, is a member of the University's Hospital Board.

*Edward Piers, BSc*, professor of chemistry, University of British

Columbia, is the winner of the Merck Sharp and Dohme Lecture Award of The Chemical Institute of Canada for 1979. This distinction is awarded annually to a scientist, under 40 years of age, who has made a distinguished contribution in organic chemistry or biochemistry.

*Steve Koles, BSc(Eng)*, is chief engineer, Petromark Minerals Limited.

**60** *John Butt, MD*, Alberta's chief medical examiner, is one of only a handful of forensic pathologists in Canada.

**61** *William A. Murray, BSc*, is in Bangkok, Thailand with IBM in its regional computing centre, Asian Institute of Technology.

*Louis Brodeau, BSc(Eng)*, is regional director with Ferranti-Packard Limited.

**63** A native Albertan, *T. Lawrence Maloney, BPE*, is director of the School of Physical Education, Dalhousie



James N. Bowersock BSc(Eng) '56



T. Lawrence Maloney BPE '63

University. Dr. Maloney is responsible for the organization and administration of the bachelor of physical education programs and in particular the recreation stream.

**65** A businessman, *Earl Gray, BSc(Eng)*, heads an experienced professional staff of eleven at New Concept Realty Limited, Calgary.

**66** *Barbara (Haywood) Berg, MBA*, is vice-president of Strategic Planning and Business Development, Grocery Products Group, Heublein Inc., out of Farmington, Connecticut.

**67** *G.V. Bohnet, BEd*, is a faculty member with B.Y.U. (Hawaii campus) as an assistant professor in the business division.

**68** Formerly department chairman and assistant dean, College of Medicine and Dentistry of New Jersey, *John Eisner, DDS*, is assistant dean, faculty of dentistry, Dalhousie University.

*Richard Mathias, MD*, is provincial epidemiologist for Saskatchewan and director of the Communicable Disease/Venereal Disease control division.

**69** *Ed Ashton, MSc*, is a member of the Camrose Lutheran College staff.

**70** *N.A. Morrison, BSc(Eng)*, is senior engineer with Klohn Leonoff Consultants Limited, Vancouver.



John Eisner DDS '68

*Ron Prins, BSc(Ag)*, has returned to Canada after three years working in Bangladesh. His projects were sponsored by the Christian Reform Church and Mennonite Central Committee.

*James P. Heron, BCom*, is executive director, Indian Equity Foundation, a registered charitable organization representing a unique partnership between Alberta Indian businesses and the business community at large.

**71** *Tim Lavens, MD*, is the most recent winner of the Grassard Memorial Award, a medal and \$1,000 prize money for achievements as the industry student who achieved the highest mark in the Canadian Securities Institute's academic year.

**72** *Randy Maertz, BA*, is associate director of Edmonton's Citadel Theatre.

A senior high school social studies teacher at Sundre School, *Dean Wood, MEd*, has produced his first book "Multicultural Canada: A Teachers' Guide to Ethnic Studies." Central questions of ethnic studies are explored and practical and detailed answers are provided for teachers wishing to include the ethnic experience in their programs.

**73** *Lola Goski, BPT*, is physical therapist at St. John's Hospital, Edson.

**74** *Bernard A. Dohm, BCom*, is manager, administration and finance, Dillingham Corporation Canada Limited.

**75** *Robert Warshawski, MD*, is one of about 200 post-graduate students in McGill's faculty of medicine, graduating from out-of-province medical schools.

*Gaye Hironaka, BSc(Pharm)*, is serving the pharmaceutical needs of the community of Hythe.

**76** *John Donelian, MSc*, is the creator and manufacturer of "A'noush" the only original Canadian perfume with national distribution. His hopes are to begin exporting the fragrance to the United States by 1980 and eventually to introduce it into France.

## On Campus Privileges for Alumni

### Privilege Cards

Full on-campus swimming privileges for alumni and their families are extended at the University's Physical Education and Recreation Centre. Privilege cards for 1979-80 will go on sale early in April at the Alumni Office, 430 Athabasca Hall, Edmonton T6G 2E8 (phone 432-3224). Yearly rates: Alumni Family \$75; single alumnus \$50.

Towels and lockers (for adults only) are available from the equipment room for \$10. Indoor and outdoor jogging, and weight lifting room (adults only) are free

*Nancy Francis, BEd*, is teaching Movement Education, Brock University, St. Catharines, Ontario, and "enjoying it tremendously."

*MaryEllen Gillan, MA*, is regional coordinator, Equal Opportunities for Women, Federal Public Service Commission. Ms. Gillan's functions include liaison with federal departments, assisting them in recruiting and training women. She is responsible for Alberta and the North region.

*Martin Fishman, MA*, has written a play "Yiskor" about the experiences of Jews slaughtered during the Second World War.

**77** *Tom Webber, BPE*, is Lacombe's preventive social services director.

*Gregory Tuck, BA*, is serving as assistant director, Warehouse Theatre, Winnipeg.

**78** *Karen Eide, BEd*, is teaching at Sexsmith Elementary School.

Vaudeville returned recently to the McPherson Playhouse, Victoria. *Patricia Phillip, BEd*, who studied theatre and dance at the University was back for a second season with the Dawson City vaudeville group.

with privilege cards. Hours of operation of the Physical Education and Recreation Centre are 7 a.m. to 10 p.m. daily. Sundays 10 a.m. to 4:30 p.m.; Saturdays 8 a.m. to 10 p.m. Statutory holidays—closed.

### Recreational Swimming Schedule

#### Adult Swimming

Monday to Friday  
11:30 a.m.-1:00 p.m. (W)  
Monday, Wednesday, Friday  
4:00 p.m.-5:30 p.m. (W)  
Tuesday, Thursday  
4:00 p.m.-5:30 p.m. (W)  
Monday, Thursday, Friday  
7:00 p.m.-8:00 p.m. (W)  
Tuesday, Wednesday  
7:00 p.m.-8:00 p.m. (E)  
Saturday, Sunday  
2:00 p.m.-5:00 p.m. (W)

#### Family Swimming

Tuesday, Thursday  
4:00 p.m.-5:00 p.m. (W)  
Monday, Wednesday, Friday  
7:00 p.m.-8:00 p.m. (W)  
Saturday, Sunday  
2:00 p.m.-4:00 p.m. (W)

### Library

Alumni enjoy certain library privileges. They may enter and use library materials. Borrowing privileges are permitted to members of the Alumni Association who have demonstrable research needs. Arrangements for borrowing privileges should be discussed with the head librarian's secretary (432-3790), fifth floor, Cameron Library. □

## In Memoriam

Elizabeth (Lloyd) Elsey, '12 BA  
Hector John MacLeod, '16 MSc  
Earl Clifford Stacey, '24 BSc(Ag)  
Harold Leake Nix, '27 MD  
John Rule, '31, '32 BSc  
Douglas Brant Roxburgh, '32 MD  
A.A. Downey, '39 DDS  
Hector (Jim) Logan, '41 BSc(Eng)  
Verna V. Gray, '51 BEd  
M. Ronald Greenslade, '57 BEd  
Doreen (Hay) Koster, '65 BSc(Nu)  
J.M. Whitla, '62 BA, '66 MD  
Heather (Sills) Lee, '72 BEd

# 75th Anniversary

The University of Alberta will celebrate the 75th anniversary of its academic offerings in 1982-83.

Alumni, staff, and students are invited to participate in the planning of the Jubilee celebrations by submitting ideas for special projects and events.

Please send your ideas to:  
Dr. W.A. Presling, Chairman  
75th Anniversary Policy Group  
420 Athabasca Hall  
The University of Alberta.  
T6G 2E8



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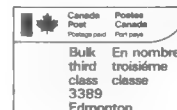


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## Richard Frucht 1936-1979

On 26 March, Richard Frucht, Professor of Anthropology, died of a heart attack.

Dr. Frucht was a naturalized Canadian citizen who was born in Brooklyn, New York. He received his BA from Brooklyn College and his MA and PhD from Brandeis University. Before coming to the University of Alberta in 1966, he held teaching positions in Northeastern University, Washington University, and Temple University. He was a visiting professor at McGill University in 1970/71.

Richard Frucht's area of research was the Caribbean. Among his many publications is the book

*Black Society in the New World*, which he edited. At the time of his death he was serving on the advisory boards of several professional societies, and was Vice-President of the Canadian Sociology and Anthropology Association. He had recently completed a term as Editor of the *Canadian Review of Sociology and Anthropology*, and he was instrumental in the formation of the new *Canadian Journal of Anthropology*.

Dr. Frucht is survived by his father Sam, his brother Michael, and his sister-in-law Naomi. The family has requested that any memorial contributions be sent to the Department of Anthropology. They will be used to establish a fund to aid Caribbean students at the University. □

## coming events

Because of the 13 April closure of University Buildings, listings for the 19 April Folio must reach the Editor on 4 April.

## Music

### Department of Music

The following student recitals will be given in Convocation Hall, free admission, on the dates stated. Persons wishing to attend are asked to contact the Department office, 432-3263, as the schedule is subject to change.

6 April, Friday. 8 p.m. A concert of music by student composers will be performed.

7 April, Saturday. 8 p.m. The University of Alberta Student Brass Quintet will perform.

8 April, Sunday. 8 p.m. The Relevé String Quartet will perform.

9 April, Monday. 5 p.m. William Damur, flautist.

### Jubilee Auditorium

4, 5 April. 8:30 p.m. Edmonton Symphony Orchestra will perform with Earl Wild, pianist. Tickets available at the SU Box Office (HUB Mall) and at the Bay.

9 April, Monday. 8 p.m. Edmonton Overture Concerts present Virgil Fox, organist. Tickets available at the SU Box Office (HUB Mall) and at the Bay.  
10 April, Tuesday. 7:30 p.m. The Irish Rovers in concert. Tickets available at Mike's.

### The Ship

6 April, Friday. 9 p.m. Christopher Lewis, acoustic guitarist, dulcimerist, and singer.

### Edmonton Recorder Society

6 April, Friday. 8 p.m. The Edmonton Recorder Society will meet. Southwest Cultural Centre, 115 Street at 74 Avenue. For more information telephone 434-0091.

### Concordia College

6 April, Friday. 8 p.m. Concordia College choirs will present their annual spring concert. All Saints' Cathedral, 10035 103 Street. Tickets available at the door. For further information telephone 479-4005.

### South Side Folk Club

6 April, Friday. 8 p.m. The South Side Folk Club presents Jim Page of Seattle. Orange Hall, 104 Street at 84 Avenue. For ticket reservations telephone 475-1042.

## Theatre

### Studio Theatre

To 7 April. *The Wild Duck* by Henrik Ibsen. Corbett Hall. For ticket information and show times, telephone 432-2495.

### Workshop West

Continuing. *One Night Stand* by Carol Bolt. Centennial Library. For ticket information and show times, telephone 436-7378.

### Theatre 3

Continuing. *Otherwise Engaged* by Simon Gray. For ticket information and show times, telephone 426-6870.

### Northern Light Theatre

Continuing. *Six War Years* by Barry Broadfoot and Scott Swan. For ticket information and show times, telephone 429-3110.

### Citadel Theatre

Continuing. *A Bistro Car on the CNR* by Patrick Rose, Richard Ouzounian, Merv Campone, and D.R. Andersen.  
Continuing. *The Ecstasy of Rita Joe* by George Ryga. For ticket information and show times, telephone 425-1820.

## Films

### Citadel National Film Theatre

6 April, Friday. 7:30 p.m. and 9:45 p.m. *La Notte (Night)* (Italy, 1960).

8 April, Sunday. 8 p.m. *Goodbye Mr. Chips* (Great Britain, 1939). For further information, telephone 425-1820.

### Cinematheque 16

5, 6 April. 7:30 p.m. *Mon Oncle Antoine*.

8 April, Sunday. 2 p.m. *Dark Star*.

For further information contact Cinematheque 16, telephone 437-3863.

## Lectures and Seminars

### Entomology Lectures

5 April, Thursday. 4:30 p.m. "The Effect of Forest Spraying on Wild Bee Populations in New Brunswick," with speaker E. Thorpe. 62 Athabasca Hall Annex.

### Educational Psychology Lecture

5 April, Thursday. 3:30 p.m. "The Rediscovery of the Child: An Intellectual and Economic Event," with speaker Henry Ebel, editor of *Behavior Today*. 2-115 Education North.  
6 April, Friday. 10 a.m. "Psychology, Psycho History and the Study of the Child," with speaker Henry Ebel, editor of *Behaviour Today*. 1-109 Education North.

### Biochemistry Lecture

5 April, Thursday. 12:30 p.m. "Three Dimensional Structural Studies on Immunoglobins," with speaker Manuel Navia of the National Institute of Health, Bethesda, Maryland. 227 Medical Sciences Building.

### Forestry Lecture

5 April, Thursday. 4 p.m. "Results of the *Pinus contorta* var. *latifolia* x *Pinus banksiana* Hybridization Study," with speaker J.C. Pollack. E344 Chemical-Mineral Engineering Building.

### Zoology Lecture

6 April, Friday. 4 p.m. "Delta Crystalline Gene Expression in the Embryonic Fish Lens," with speaker J. Piatigorsky of the National Institute of Health, Bethesda, Maryland. 345 Agricultural Building.

### Comparative Literature Lecture

10 April, Tuesday. 3:30 p.m. "Camoens and His Times," with speaker Tadepalli Narayana. Senate Chamber, Arts Buildings.

### Sovereignty Association Lectures

6 April, Friday. 7:30 p.m. and 7 April, Saturday. 9:30 a.m. "The Need for Sovereignty and

the Desirability of Association from a Parti Quebecois Point of View," and "Sovereignty and Liberation Theology: Association and Christian Unity from a Theological Standpoint," with speakers David Levine, advisor to Premier Rene Levesque, and Fr. Jean Martucci of the University of Montreal. St. Augustine's Anglican Church, 6110 Fulton Road. Registration fee of \$5 for adults and \$3 for students, including lunch. For further information telephone 466-6540.

**Applied Mathematics Lecture**  
9 April, Monday. 2 p.m. "Some Problems in Applied Mathematics," with speaker J.B. Keller of the Courant Institute, New York. CE 1-60 Chemistry Building.

**Physics Lecture**  
10 April, Tuesday. 3:30 p.m. "Einstein's Interpretation of Quantum Mechanics," with speaker L.E. Ballentine of Simon Fraser University. V120 Physics Building.

## service information

Because of the 13 April closure of University Buildings, information for the 19 April edition of Folio must reach the editor on 4 April.

## Notices

### GFC Committee Vacancies

A vacancy exists in the Selection Committee for the Chairmanship of the Department of Dental Health Care for one member of the academic staff, not a member of the Department concerned, to be elected by General Faculties Council.

Those who have suggestions for nominations, or who are interested in serving on the above Selection Committee are requested to contact the Secretary of the GFC Nominating Committee, 2-1 University Hall, telephone 432-4715. It would be appreciated

if a very brief vita could accompany any nomination.

### Attention Non-Academic Staff

The non-academic staff at the University of Alberta are assured of six places at the Students' Union and Community Day Care Centre in HUB, with priority being given to single parents. If you are a single parent and would like to have your child considered for a place at the day care centre, please send your application immediately and/or call 432-2245 as soon as possible. We are now in the process of selecting children. The day care centre is subsidized, and the fees are scaled to net income, number of children, etc.

### Population Projections Training Seminar

On 9 April, Monday, at 8:15 a.m. there is a full day seminar sponsored by the Population Research Laboratory. The seminar will cover the philosophy, assumptions, and limitations of population projections; data bases required; and various projection methods. Participants will also be exposed to the use of the computer programs available for population projections.

The total cost of the seminar, including computer time, lunch, and a copy of the proceedings, is \$50 per person. For further information contact Ms. Ilze Hobin, telephone 432-4659.

### Travel Slide or Film Presentations Required

The Office of Student Affairs in conjunction with the Faculty of Extension will again present a travel course as part of the Spring Session for Senior Citizens. We require a few more people who have slide or film presentations of special interest to share with an enthusiastic audience. We especially would like to include underwater scenery as well as an aerial view of some area of the world. If interested, call Marion Nicely, Office of Student Affairs, 432-4145. (An honorarium is offered.)

### Radiation Safety Course

The Radiation Control Committee is planning on holding another Radiation Safety Course for individuals using or planning to use radioactive materials at the University of Alberta. The course is designed to give individuals, primarily at the technician level, some basic training in the safe use of radioactive materials in the laboratory. However, graduate students, faculty members and other interested persons are welcome.

The course is scheduled to begin on 16 April. Enrolment in the course is restricted to fifteen persons. Individuals interested in attending the course can obtain registration forms from the Radiation Control Office by telephoning 432-5655. There will be a fee of \$1 per course participant to cover the cost of training manuals.

## Positions Vacant

### On-Campus

#### Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 30 March.

Clerk Typist II (\$695-\$803)—Provincial Laboratory  
Clerk Steno II (\$695-\$830)—Office of the Comptroller  
Timetable Scheduling Clerk (\$748-\$895)—Office of the Registrar  
Clerk Typist III (\$748-\$895)—Soil Science; Medical Bacteriology  
Senior Clerk (\$748-\$895)—Office of the Registrar  
Purchasing Clerk II (\$772-\$929)—Purchasing/Buying  
Data Entry Operator I (\$772-\$929)—Rural Economy  
Clerk Steno III (\$772-\$929)—Drama; Rural Economy; Education Psychology; Physics; Administrative Services; Psychology; Education Clinical Services; Mineral Engineering; Law Secretariat; Extension; Faculté Saint-Jean  
Clerk Steno III (\$772-\$929, term)—Field Services—Education  
Senior Financial Records Clerk (\$772-\$929)—Office of the Comptroller  
Library Assistant I (\$803-\$969)—Extension—Education Media  
Secretary (\$863-\$1,053)—Occupational Therapy; Senate; Nursing; Dentistry  
Administrative Clerk (\$895-\$1,096)—Geology  
Library Assistant III (\$1,009-\$1,243)—Political Science  
Computer Assistant I (\$695-\$830)—Computing Services (three positions)  
Laboratory Assistant II (\$721-\$863)—Pharmacy  
Building Service Worker II (\$803-\$969)—Housing and Food Services (HUB) (two positions)  
Animal Assistant II/Animal Technician I (\$803-\$1,096, trust)—Health & Science Animal Centre  
Biochemistry Technician I (\$895-\$1,096, trust)—Biochemistry  
Chemical Technician I (\$895-\$1,096, trust)—Animal Science  
Animal Technician I (\$895-\$1,096)—Bioscience Animal Services  
Graphics Technician I/II (\$895-\$1,243)—Technical Services (Graphics)  
Electron Microscope Technician I/II (\$895-\$1,243, trust)—Anatomy  
Offset Equipment Operator (\$929-\$1,143)—Printing  
Instrument Technician I (\$929-\$1,143, trust)—Chemistry  
Technician II (R.T.) (\$1,009-\$1,243)—Pathology  
Technician II (Instrumentation) (\$1,009-\$1,243)—Animal Science  
Technologist I (\$1,009-\$1,243)—Home Economics  
Technologist I/II (\$1,009-\$1,415, trust, term)—Pharmacology  
Technologist I/II (\$1,009-\$1,415)—

Radiation Research Committee  
Instrument Technician II (\$1,053-\$1,298)—Chemical Engineering  
Electronics Technician II/III (\$1,053-\$1,476)—Technical Services (two positions)  
Electronics Technician II/III (\$1,053-\$1,476)—Physics  
Audio Visual Technician III (\$1,143-\$1,415)—Physical Education and Recreation  
Biochemistry Technician III (\$1,143-\$1,415, trust)—Biochemistry  
Maintenance Man III (\$1,143-\$1,415)—Housing and Food Services  
Technologist II/III (Agriculture) (\$1,143-\$1,611, trust)—Plant Science  
Bacteriology Technologist II/III (\$1,143-\$1,611)—Microbiology  
Programmer/Analyst II/III (\$1,192-\$1,759)—Computing Services  
Technologist III (BAG, trust, term) (\$1,298-\$1,611)—Plant Science  
Technician IV (Farm Equipment) (\$1,298-\$1,611)—Plant Science  
Programmer/Analyst III (\$1,415-\$1,759)—Chemical Engineering  
Biology Technologist IV (\$1,476-\$1,838)—Genetics  
Programmer/Analyst IV (\$1,682-\$2,104)—Computing Services

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library, Room 512, should be consulted for further information as to availability and position requirements.  
Library Clerk III (\$748-\$895)—Reserve Reading Room; Cataloguing

### Secretary to Director Cross Cancer Institute

A secretary is required immediately in a responsible and complex senior staff position which requires independent judgment and initiative in performing all secretarial and general office duties and relieving the Director of all administrative detail. The candidate must be capable of recording minutes and able to transcribe into appropriate form as well as prepare confidential and special reports. Proficiency in shorthand, English, medical terminology and typing of at least 70 wpm are assets. Excellent fringe benefits including four weeks annual vacation. Salary: \$13,075-\$16,220 per annum. Apply: Director of Personnel, Provincial Cancer Hospitals Board, 11560 University Avenue, Edmonton, Alberta T6G 1Z2.

## Advertisements

Because of the 13 April closure of University Building all advertisements for the 19 April edition of Folio must be received by 12 noon on 5 April. The cost is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Advertisements must be paid for in advance, and are accepted at the discretion of the Editor. We regret that no advertisements can be taken over the telephone. For order

forms or further information, telephone 432-2325.

#### *Accommodations available*

For rent—Large three-bedroom apartment. Own entrance, new 4-plex. Ideal for family or small group. Appliances, some utilities included. Central quiet position. 14617A 103 Avenue. Phone 458-8478 evenings.

For rent—Fully furnished three bedroom home in Greenfield. 1,950 sq. ft. Fireplace, large treed lot, direct bus to University. Available for one year from 1 Aug. Rent \$550. 432-2447, 436-3386.

Professional required to lease new office space at Abbotsfield Shoppers Mall 118 Ave. and 34 St. Reasonable rates. Call Brian at 477-9121.

For rent—Three bedroom semi-bungalow. Finished basement, garage. Unfurnished except appliances. Southside. Ten minutes to University. Available June-July 1979 for twelve to eighteen months. Rent \$500 monthly. 435-5122.

For rent—Three bedroom house, additional office. Family room, furnished, double garage, two bathrooms. Near Misericordia Hospital. Available Aug. 1979 - August, 1980. \$600 monthly. 484-9166.

For sale—New executive custom built 2,000 sq. ft. home in prestigious Belgravia. Features sunken living room, main floor utility room, skylights and much more. Call Goetz at Crescent Realty. 439-0035, 436-1134.

For sale—By owner. Two storey home near University. Basement suite. 489-8552, 483-6339.

For rent—acreage. 20 mins. southeast. Large two bedroom bungalow. Fully carpeted, study, all appliances, family room, double garage. \$525 monthly. 466-4461, 922-4121.

For rent—Attractive and unusual King-size bachelor studio show room or office combined. 750 sq. ft. ground floor in highrise near University. All utilities and parking provided. Phone Mr. Andrews 433-1676 for appointment.

For rent—Yorkshire, England. Cottage: Two bedrooms, living room, dining room, kitchen, garage, etc. Fully furnished includes T.V. and utilities. Close to Leeds and York. Rent \$360 monthly. Phone 439-1880.

For sale—Value and comfort best describe this attractive bungalow in Riverbend. Beautifully designed and very well constructed. Fireplace in living room and rumpus room. Market value of \$113,900. Exclusive Weber Bros. listing. Phone Joy Murray bus. 436-2310, res. 437-1612 for more information or viewing.

For rent—Three bedroom bungalow, 11443 79 Ave. Garage, six appliances, finished basement with three piece bath, carpeted throughout. Five minute walk to University. Available 1 July, 1979. 403-427-8881, 403-435-1946. Lutz Conrad.

For sale—three adjacent second row lake lots. Baptiste Lake (White Gull Beach) well treed, private, great for

year round enjoyment. \$11,500 per lot. Phone 525-2287 or write Box 99, Grassland, Alberta.

For rent—three bedroom house, fully furnished, basement study, two car heated garage. Five minutes drive to downtown and University. Available 1 July 1979 - 30 June 1980. 432-4611, 433-9267.

For sale—Quiet Riverbend location. Five bedrooms plus den, sunny main floor laundry, professionally finished basement. Moving to B.C. so must sell. Over \$150,000. Make offer. Call Deanna Larson at Spencer Real Estate. Res. 481-0936, bus. 436-5250.

For sale—View property! Exquisite custom built home on 95 by 120 lot, with back yard to south. Dream Poggenpohl kitchen, white wool carpeting, tremendous walls for art collections, lighting security system, quiet ravine location. Over \$250,000. Call Deanna Larson at Spencer Real Estate. Res. 481-0936, bus. 436-5250.

For sale—Older two storey home on five acres, amidst mature trees, garage, garden shed. 28 miles south-east off highway 14. \$55,000. 466-4461. 922-4121.

For sale—Pleasantview. Charming two storey, 1,462 sq. ft., four bedrooms. Minutes from University, Southgate and schools. Exceptional lot (75' x 130'). Ideal family home. \$96,900. Call Linda Gregory 432-7142. Spencer Real Estate 436-5250.

For rent—Housemates needed. Large house close to University, inexpensive. 433-8062.

For sale—Cozy two bedroom bungalow on large fenced lot. Westend, close to University, bus routes. Partially finished basement. Ideal starter home or revenue property. \$65,300. No agents. 483-0817 after 6 p.m.

For sale—Blue Quill condominium. 20 minutes from University, one year old, three bedrooms, 1½ bathrooms, carpet throughout. \$56,500 by owner, no agents, day 432-5285, night 436-5982.

For rent—Blue Quill. Executive three bedroom bungalow. Family room, fireplace, five appliances, two bathrooms. 1 May. \$650 monthly. 988-5136 after 6 p.m.

To sublet—Furnished two bedroom apartment. 1 June, 1979 - 1 July, 1980. 10101 Saskatchewan Drive. \$347. 433-5444, 6-8 p.m.

For rent—Summer months, May - August. Townhouse condominium, two bedroom, garage. \$1,500. 487-5927.

For sale—\$59,950. Townhouse, Willowdale. 1,700 sq. ft., garage, basement, three bedroomed condominium. No realtors. Phone 432-4253 Thomas.

For sale—Laurier. 1,800 sq. ft. bungalow. Two fireplaces, finished lower level. Resi Richter. 483-9432, 455-4135. Weber Bros.

For sale—Crestwood. Quiet location. Three bedroom bungalow, double garage. Resi Richter. 483-9432, 455-4135. Weber Bros.

For sale—Maude West. 3.32 acres. 20 miles from city. Resi Richter. 483-9432, 455-4135. Weber Bros.

For sale—By owner. Belgravia. Sunny custom built bungalow on large lot in exclusive area. Many quality features, including fieldstone fireplace; heated double garage; secluded back yard with mature trees; with large kitchen, living room and dining room; fully developed basement with large rumpus room and wet bar. 7104 116 Street. Phone Margaret Clare 435-1207.

For rent—Furnished bi-level in Greenfield. Three bedrooms, two bathrooms, family room. Direct buses to University and city centre. Close to all schools. Available for one year from 1 August, 1979 at \$525 monthly. 434-0067.

For rent—In London, England. From July 1979, fully furnished three bedroom house; central heating, garden, parking; close to schools, shops; 25 minutes westend. Enquiries 469-2033.

For rent—Three bedroom house. Fireplace, garage, five appliances. Available 1 July for one year. 436-9591, 432-3190.

For rent—Fully furnished three bedroom home in Greenfield near park and excellent elementary school. Direct bus to University. Available for 15 months from 1 June. \$475. 434-9635, 432-2373.

For sale—Grandview. Ideal family home minutes from University. 3 bedrooms plus 2 on lower level. Rumpus room and family room panelled in Idaho pine with attractive fireplace. Second fireplace in living room. Call Linda Gregory, res. 432-7142 or Betsy Rigal, res. 435-1647, bus. 436-5250 Spencer Real Estate.

For sale—charming older two-storey home on double lot with beautiful mature trees. Prime location, close to University. Ideal family home—4 large bedrooms, 2 full baths, a den and a study. Call Linda Gregory, res. 432-7142 or bus. 436-5250, Spencer Real Estate.

For sale—Mature landscaping enhances this attractive Ekert built home in Grandview. Spacious living room and dining room. Informal family room. 3 bedrooms plus 4th or den on main floor. 1868 sq. ft. Call Betsy Rigal, res. 435-1647, 436-5250, Spencer Real Estate.

For rent—Near University, 2 bedroom house. Major appliances, garage, garden. \$450. Available 1 May. 434-0569.

For rent—Three bedroom executive bungalow. Family room, two fireplaces. Furniture optional. Two car double garage. Available 1 July, 1979 for 12 to 18 months. \$600 monthly. 436-0625 evenings.

For rent—Apartment. Furnished. University, 433-3744.

For rent—Furnished three bedroom house in Garneau (adjacent University Hospital). Quiet, large trees, sunporch, appliances. Available 15 June - 1 September (Two months minimum) at \$375 per month. Damage deposit. 432-0864.

For sale—\$82,500 Riverbend. Luxurious Rivershire townhouse. 1440 sq. ft., wood burning fireplace, double garage. Call June, 433-2396 or Eva, 432-1255 or bus. 436-5250. Spencer Real Estate.

For sale—Ravine facing south. Exposed garden in Westridge. 2110 sq. ft. on two levels. Professionally developed basement in cedar. Loft, library, cathedral ceiling. Much more. Call Eva. Home, 432-1255. Bus. 436-5250, Spencer Real Estate.

Who would like to house sit westend home, small dog, two cats? July and August. References required. 432-4588, 483-9308.

For sale—Split level house, Blue Quill. 1½ years old, approximately 1800 sq. ft. Many features. Must be seen. \$99,500. Call 432-5930 or 435-9527.

For sale—Fabulous home, ravine view. Westbrook Drive. Custom design kitchen to delight gourmet cooks. Over 5200 sq. feet. developed, perfect for entertaining. Sensational .82 acre lot 3 car garage. Price \$650,000. Must be seen! Contact Faye Lund, 436-4240 436-5355 Paul Kotylak 452-7950, 436-4841 Block Bros.

For sale—Riverbend, \$98,500. 1,422 sq. ft. bungalow, two fireplaces, two full baths, three bedrooms up, one down, family room, playroom and den, double garage. Must be sold. Open house Saturday, Sunday. 1 - 5 p.m. 435-7839.

For rent—Ottawa. Four bedrooms (or three and study). Ottawa South Riverdale area. 2½ storeys plus basement. Wood fireplace. Fully furnished, five appliances. Near Ottawa University, Carleton, two Algonquin campuses. Close to Rideau River, parks, schools, transportation. Asking \$400 monthly. 1 September 1979 to June 1980. Evenings. 483-1418.

For rent. Available immediately. One bedroom basement suite. Major appliances, including washer and dryer. All utilities paid. \$250 per month. 423-3697.

#### *Accommodations wanted*

Experienced home-sitters: Young married couple looking for a house to sit or rent. Excellent recent references. Will do all maintenance etc. 483-8254 after 5 p.m.

Rental wanted 23 July - 15 August. Two bedroom furnished house or apartment close to University, for summer faculty. Connie More, 32 Paddon, Victoria, B.C. 604-384-3491 (collect). Wanted to rent—Furnished house for visiting professor and family for 5½ to 6 months from 1 July. Call 429-2226, 432-5692.

#### *Automobiles and accessories*

For sale—1975 thirteen foot Boler trailer. 4,000 miles, like new. 483-5934.

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Honda 90 trail and street bike. Priced reasonably \$100. Raleigh 10 speed \$50. Women's standard bike \$25. 434-5429.

For sale—1970 Volkswagen beetle. Any reasonable offer accepted. 432-3478, 467-3764.

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Dodge Charger. Any reasonable offer accepted over \$1,000. 435-6531.

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For sale—KEF cadenza speakers. 30 watts r.m.s. \$250 each. 432-7876 evenings.

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Box spring, mattress. Very good condition. \$250. Call after 6 p.m. Sunday all day. 437-5593.

Experienced interior painter. 988-8549 evenings.

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Oriental brush painting lessons by Hanna Ludescher. Contact Elaine Govin, 488-6023.

Lady's diamond and platinum wrist watch. \$500. Call 477-7788 evenings and weekends.

Electric piano for sale. Full 88 notes. Stereo outputs and headphones. Unfinished cabinet but beautiful sound. \$1,200. 436-1879 after 5 p.m.

For sale—3 speed bicycle, as new. \$65.

Children's skates. Phone 434-4882.

Healthy back the Yoga way: keep-fit Yoga group offers a special session to teach Do-it-yourself exercises for strength and relaxation. 11 April, 6:00-9:00 p.m., Room 9, 14th Floor Tory Building. Registration \$8, cash at the door.

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